

16

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-06188

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒

Other

Single Zone ☐Multiple Zone ☐

2. Name of Operator

Birch Corporation

3. Address of Operator

3801 E. Florida Suite 900, Denver, Colorado 80212

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

870' FEL, 1305' FSL, (SE $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 19, T16S, R26E, Grand County Utah

At proposed prod. zone

N.A.

14. Distance in miles and direction from nearest town or post office*

17 miles NW of Mack, Colorado

7. Unit Agreement Name

San Arroyo

8. Farm or Lease Name

San Arroyo

9. Well No.

Unit #36A

10. Field and Pool, or Wildcat

San Arroyo

11. Sec., T., R., M., or Bk.

Sec. 19, T16S, R26E
SLB & M

12. County or Parrish 13. State

Grand

Utah

15. Distance from proposed*

location to nearest

property or lease line, ft.

(Also to nearest drlg. line, if any)

15'

16. No. of acres in lease

360*

17. No. of acres assigned

to this well

320

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

3150'

19. Proposed depth

5500' *Entrada*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5955 G.L.

22. Approx. date work will start*

October 15, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 $\frac{1}{4}$ "	9 5/8"	36# K-55	350'	200 sx reg. +2% CaCl ₂
8 3/4"	4 $\frac{1}{2}$ "	11.6# K-55	5500'	300 sx 65-35 Pozmix or RFC

We propose to move in a drilling rig and drill a 5500' Entrada test to 400' of the Entrada according to the attached drilling program.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

John R. B.

Title: Operations Manager

Date

10/21/87

(This space for Federal or State office use)

Permit No.

43-019-31251

Approval Date

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Approved by

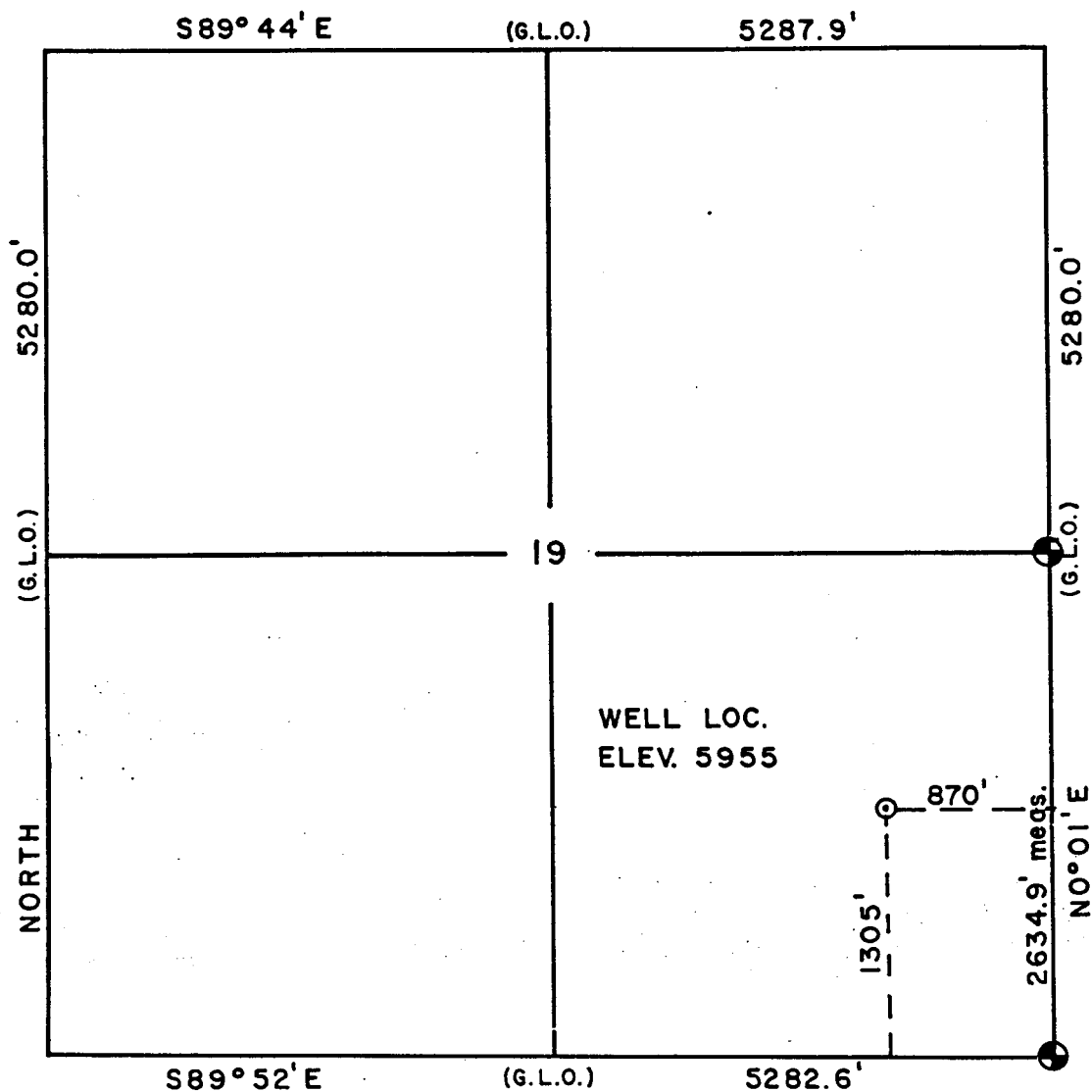
Title

Conditions of approval, if any:

DATE: 11-18-87

BY: *John R. B.*

WELL SPACING: 1645-2-3



0 500 1000
SCALE 1"=1000'

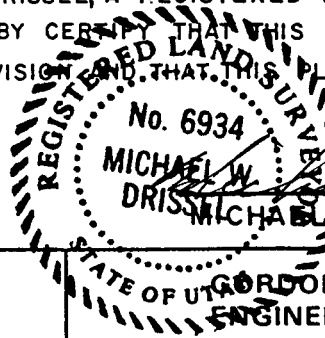
U.S.G.L.O.
BRASS CAP
1924

WELL LOCATION

1305 FT. N.S.L. - 870 FT. W.E.L.
SECTION 19, T.16S., R.26E., S.L.B. & M.

SURVEYOR'S CERTIFICATE

I, MICHAEL W. DRISSEL, A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.



OCT 30 1987

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OIL, GAS & MINING



GORDON ENGINEERING, INC. ENGINEERING - SURVEYING	
Date 8-11-87	SAN ARROYO UNIT 36A
Drawn by MWD	
Checked by SLH	Sheet 1 of 3
Survey date 8-5-87	Job # 87013

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DRILLING PROGRAM
BIRCH CORPORATION

DIVISION OF
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SAN ARROYO UNIT WELL NO. 36A
SAN ARROYO FIELD
GRAND COUNTY UTAH

1. SURFACE FORMATION AND ESTIMATED FORMATION TOPS:

Mesaverde	Surface
Castlegate	695'
Mancos "A"	1471'
Emery	1929'
Niobrara	2269'
Ferron	4025'
Dakota Silt	4292'
Dakota	4345'
Cedar Mountain	4445'
Morrison	4619'
Entrada	5095'

2. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER, OR OTHER MINERAL-BEARING ZONES ARE EXPECTED:

Potential Oil Zones:

Niobrara	2269'
Ferron	4025'
Dakota	4345'
Cedar Mountain	4445'
Morrison	4619'
Entrada	5095'

Potential Water Zones:

Dakota Silt	4292'
Dakota	4345'
Cedar Mountain	4445'
Morrison	4619'
Entrada	5095'

Potential Gas Zones:

Castlegate	695'
Mancos "A"	1471'
Emery	1929'
Niobrara	2269'
Ferron	4025'
Dakota Silt	4292'
Dakota	4345'
Cedar Mountain	4445'
Morrison	4619'
Entrada	5095'

Potential Mineral Zones:

Mesaverde (coal)	0-300'
Dakota Silt (uranium)	4292'
Dakota (uranium)	4345'
Morrison (uranium)	4619'
Entrada (uranium)	5095'

3. PRESSURE CONTROL EQUIPMENT:

A diagram illustrating the pressure control equipment is attached. BOP equipment will consist of a flanged 10" series 900 hydraulically actuated double gate system complete with blind rams and 3½", 4", or 4½" pipe rams. Remote controls for the system will be operational and hand wheels installed. BOP and the choke manifold will be installed after running and cementing surface casing. This equipment will be used continuously until the well is abandoned or production casing run and cemented for completion. Surface casing, the blind rams, pipe rams and choke manifold will be pressure tested to 1000 psig prior to drilling the plug.

During drilling the operation of this equipment will be inspected daily and the pipe rams checked for operation. The blind rams will be closed every trip when the drill string has been removed. All inspections, operations, and tests of this equipment will be recorded on the daily drilling report.

The Moab BLM office will be notified twenty-four (24) hours in advance of any pressure tests.

Other auxiliary equipment will include a float at the bit, kelly cock and full opening pipe valve on the floor.

4. CASING PROGRAM AND AUXILIARY EQUIPMENT:

Surface casing will be new 9-5/8" OD 36#/ft. K-55 grade set from surface to 350 feet and cemented with 200 sacks of regular cement containing 2% calcium chloride and ¼ lb./sk. cellophane. Cement will be circulated to surface.

Production casing will be new 4-½" OD 11.6#/ft. K-55 grade set from surface to 5500 feet and cemented with 300 sacks 65/35 pozmix or RFC cement.

Well head equipment will be a 3000 psig working pressure flanged bradenhead for the 8-5/8" surface casing. A flanged 3000 psig working pressure tubing spool will be used for a tubing head.

NOTE: An 8 3/4" bit will be used to drill the cement shoe of the surface casing and penetrate the Castlegate Formation. As soon as the bit is dull, a 7 7/8" bit will be used from this depth to total depth providing that shallow water production is not encountered. If shallow water is encountered, then consideration may be given to running an intermediate casing string of 7" new 20 #/ft. K-55 casing. This string will be cemented with 100 sacks of regular cement and the hole finished with a 6½" bit.

5. MUD PROGRAM AND CIRCULATING MEDIUM:

Water will be used to drill the 12½" hole to 350 feet where surface casing will be set. Air or air-mist will be used to drill the 8 3/4"-7 7/8" hole until sufficient gas flow or moisture is encountered requiring the use of a chemical gel mud.

6. CORING, TESTING, AND LOGGING PROGRAMS:

No cores or DST's are planned as these are development wells. Proposed logs are:

Dual Induction log	350'-TD
BHC Density-Compensated Neutron	Minimum 2000' at various intervals

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURES AND POTENTIAL HAZARDS:

Maximum pressure anticipated is 1500 psig in the Entrada Formation and should not require more than normal mud weight for control. No abnormal temperatures or hydrogen sulphide are anticipated.

8. ANTICIPATED STARTING DATES AND NOTIFICATIONS OF OPERATIONS:

Anticipated starting date is October 15, 1987, and it is expected that the duration of operations will be up to 120 days for drilling and completion.

The Operator will contact the Moab BLM Office at 303-247-4082, forty-eight hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the BLM manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the Bureau of Land Management, P.O. Box 970, Moab, Utah 84532.

IMMEDIATE REPORT: Spills, blowouts, fires, leaks, accidents or any other unusual occurrences shall be promptly reported to the Moab BLM in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled with fifteen (15) days after receipt of the first production report. The Grand Resource Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the

surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the BLM Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed thirty (30) days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guideline in NTL-4A.

Upon completion of approved plugging, a marker 4"x4' long will be erected in accordance with 43 CFR 3162.6. The marker will be constructed after contouring. The top of the marker will be closed or capped and the following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch.

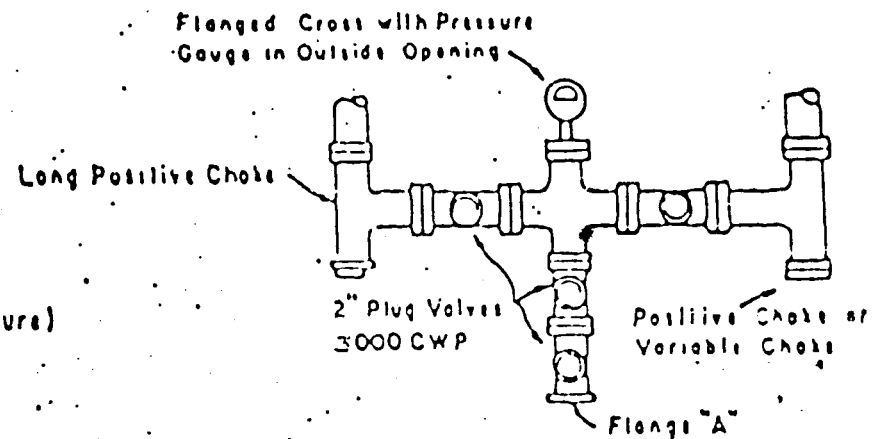
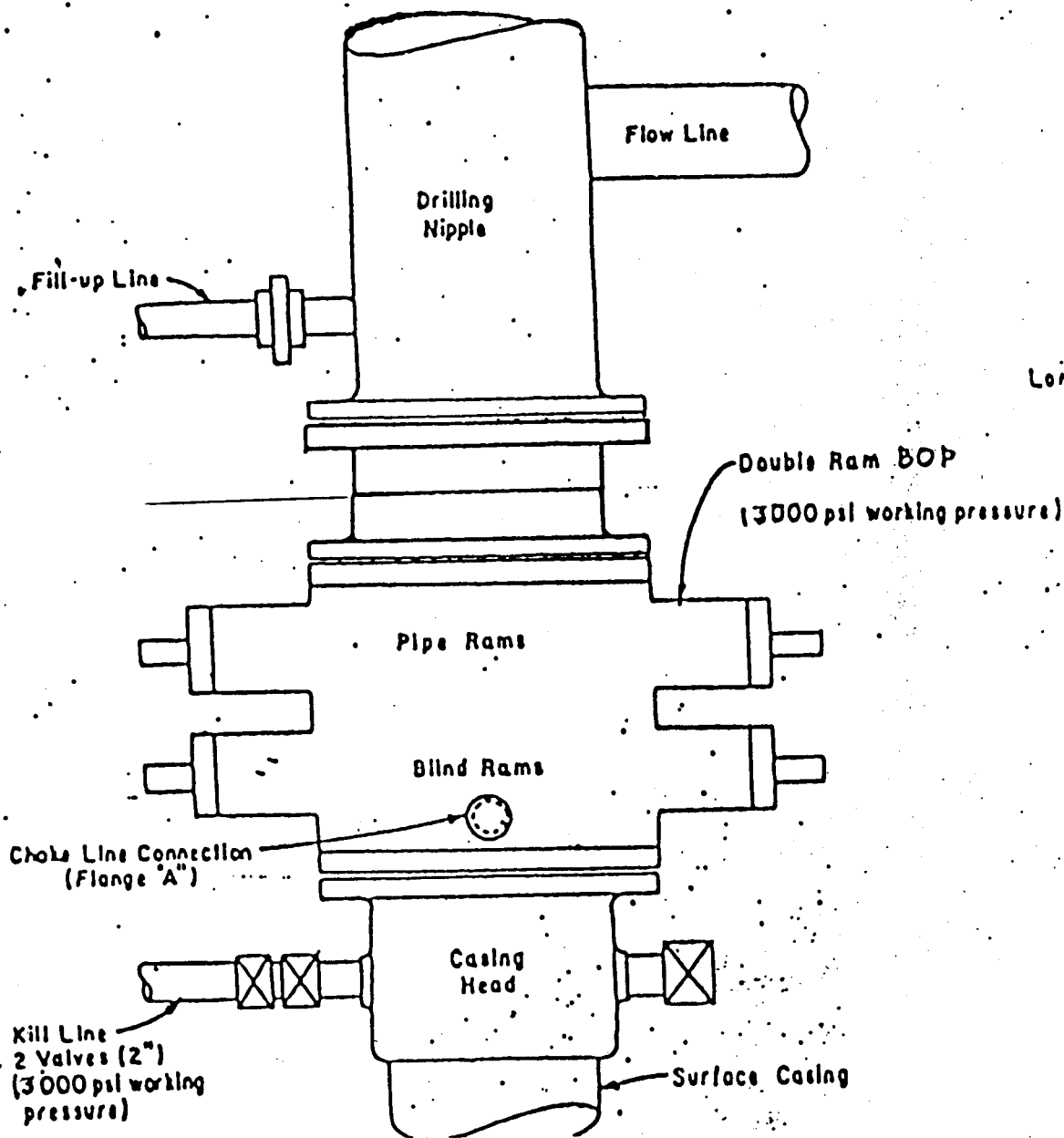
"Fed" or "Ind", as applicable.

"Well number, location by $\frac{1}{4}$ section, township, and range".

"Lease Number, county, and state".

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PLAN VIEW-CHOKE MANIFOLD

TESTING REQUIRMENTS

Pipe rams: operated daily

Blind rams: operated and closed every opportunity.

Accumulation: Checked daily

MULTI-POINT SURFACE USE AND OPERATIONS PLAN
BIRCH CORPORATION
SAN ARROYO UNIT WELL NO. 36A
GRAND COUNTY, UTAH

1. EXISTING ROADS:

- A. The location is approximately 20 miles northwest of Mack, Colorado.
- B. The proposed route to the location is by traveling west on Highway 6 & 50 approximately $8\frac{1}{2}$ miles to the intersection of Highway 6 & 50 and Mesa County Road No. 2. Turn north off Highway 6 & 50 on Two Road and proceed northwest approximately 4.0 miles to the State Line fence. Turn right and north up the State Line fence on the west side for approximately 6.0 miles to the mouth of Bar X Wash. Turn left and proceed up Bar X Wash for approximately $\frac{1}{2}$ mile to an intersection at which time a right hand turn is to be taken. Proceed northerly for about $1\frac{3}{4}$ mile to the intersection of the access road. Take the left-hand fork and proceed about $\frac{1}{4}$ mile to the location. See Plat No. 1.
- C. Plans for improvement and maintenance of existing roads: Highway 6 & 50 west of Mack, Colorado is a two-lane paved road while Mesa County Road No. 2 is an upgraded graveled road. The roads from the State Line fence to the access to the location are in good shape and will require no improvement. Should maintenance be required, the roads will be flat graded. The roads are currently being used as access to numerous gas wells in the area.

2. PLANNED ACCESS ROADS:

- A. The planned access road will be approximately 1200 ft in length as shown by Plat No. 1. The road is to have a driveable surface of 14 ft with a maximum disturbed area of 20 - 25 ft except for several short radius turns which may exceed the maximum disturbed area.
- B. Maximum grade is 10% which is a short pitch of less than 100 yds at the beginning of the access road. All other grades will be less 8% in grade.
- C. Turnouts: None.
- D. The centerline of the road has been flagged and the approximate location is shown by Plat No. 2.
- E. Drainage: Plat No. 2 illustrates the location of two 24" culverts to be installed. All other crossings of the various gullies will be low water crossings. Plat No. 4 illustrates the location and as shown, drainage of several small gullies will be routed around the location.
- F. Surface Materials: No additional surface material other than what is obtained from the construction of the road is anticipated.
- G. Other: No Right-Of-Way is required since this well is within the boundaries of the San Arroyo Unit. Plat No. 2 illustrates the approximate location of a 2" surface gas line which will need to be buried in order to construct the access road.

The pipe will be lifted up using a boom tractor, coated and wrapped and placed in a trench of sufficient depth to maintain 5 ft of cover and back filled.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional areas needed will be approved by the appropriate BLM Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the BLM Manager will be notified so that temporary drainage control can be installed along the access road.

3. LOCATION OF EXISTING WELLS:

Plat No. 3 illustrates the location of all existing wells in a two mile radius: There are thirteen producing gas wells and one dry hole.

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES:

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth-tone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be Juniper green.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager. Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. LOCATION AND TYPE OF WATER SUPPLY:

All water needed for drilling and completion purposes will be obtained from West Salt Creek as shown by Plat No. 1. The point of divergence is located in Mesa County, Colorado will be hauled to location by truck. A Utah water permit will not be necessary as water is being obtained from Colorado.

6. SOURCE OF CONSTRUCTION MATERIALS:

None.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3. Source of construction material will be located on lease.

7. METHOD OF HANDLING WASTE DISPOSAL:

The reserve pit will not be lined. Three sides of the reserve pit will be fenced before drilling starts and the fourth side will be fenced as soon as drilling is completed. The fence will consist of three strands of barbed wire and will be kept in good repair while the pit is drying.

Produced waste water will be confined to the pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the BLM Manager's approval pursuant to Onshore Oil and Gas Order #3 (NTL-2B).

Plat #4 illustrates the rig layout and the position of the trash cage and reserve pit.

- A. Cuttings: These will be contained on location in the reserve pit.
- B. Drilling fluids, chemicals and salts: These will be contained in the reserve pit.
- C. Sewage: Chemical toilets will be used.
- D. Garbage and other waste materials: A portable trash cage will be kept on location to contain these. Periodically the location will be cleaned and all trash placed in the container. No trash will be thrown in the reserve pit. The trash cage will be hauled to a sanitary landfill and emptied when it fills up. Barrels, cable, wood pallets, and all other trash will be hauled to a local sanitary landfill to be disposed of. Open burning of trash or refuse is illegal under Section 2.4 of the Utah Air Conservation Regulations. The Operator will be responsible for all trash and roadside litter generated by their operations along their access route from the County Road to the location.
- E. If burning is required, a permit will be obtained from the State Fire Warden in Moab, Utah.

8. ANCILLARY FACILITIES:

None.

9. WELLSITE LAYOUT:

Plat #4 shows the rig layout. Plat #5 shows the pad layout. Plat #6 illustrates the cuts and fills. The reserve pit is located on the cut side of the location.

The reserve pit will be located on the northwest side of the location and a burn pit will be constructed. Both pits will be connected by a small trench so that any accumulation of liquids in the burn pit will drain into the reserve pit. To contain any flare of natural gas, the back side of burn pit will be banked and this should help keep any material contained. The blowie line will be directed into the burn pit and water will be injected into the blowie line for fugitive dust control.

The access road will enter on the southeast side of location and the trash cage will be situated to the southwest of the location, as shown by Plat No. 4.

10. PLANS FOR RESTORATION OF SURFACE:

The Operator or his Contractor will contact the Grand Resource BLM Office in Moab, Utah, telephone (801)-259-8193, forty-eight (48) hours prior to starting rehabilitation work that involves earth moving equipment, and upon completion of restoration measures.

Before any earthwork to restore the location takes place, the reserve pit will be dry and all trash (barrels, metal, etc.) it contains must be removed and disposed of in a sanitary landfill. And immediately upon completion of drilling, the location and surrounding areas will be cleared of all remaining debris, materials, trash and junk not required for production.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The disturbed areas will be reseeded using a seed mixture as stipulated by the Grand Resource BLM Office in Moab, Utah. Seeding will be accomplished by using a range drill or by doubling the prescribed mixture and broadcasting.

11. PRODUCTION, SURFACE AND MINERAL OWNERSHIP:

If well goes to production, the holder shall submit a proposed operation and maintenance plan for the permanent road after consultation with the BLM authorized officer for applicable road standards.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the Restoration of Surface section.

All above ground production facilities will be painted with a flat non-contrasting color harmonious with the adjacent landscape, subject to the approval of the authorized officer.

Plat #7 shows the layout of the typical production facilities and sales line. The sales line will follow the alignment of the road and will be a surface line. The diameter of the sales line will be 2 3/8" tubing with screwed construction. The connections will be coated with an adequate joint compound such as "Baker-Lok" to prevent any leakage. The line will be placed either above the cuts on the high side of the road or it will be staked above the road along the cut slopes.

The surface and minerals are owned by the United States Government and lease number U-06188 is described as follows:

Township 16S, Range 26E, Grand County, Utah

Section 19: S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$, SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

Containing 360+ acres.

12. OTHER INFORMATION:

There will be no deviation from the proposed drilling and/or workover program without prior approval from the BLM in Moab. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

A cultural resource clearance has been prepared. If cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Office will be contacted. All employees working in that area will be informed by the Operator that they will be subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.

The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION:

Representative: Gordon Engineering, Inc.
P.O. Box 3525
Grand Junction, CO 81502
(303)-245-1958

Operator: Birch Corporation
Mr. Tony Hines
3801 E. Florida, Suite 900
Denver, CO 80212
(303)-759-4400

Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Birch Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

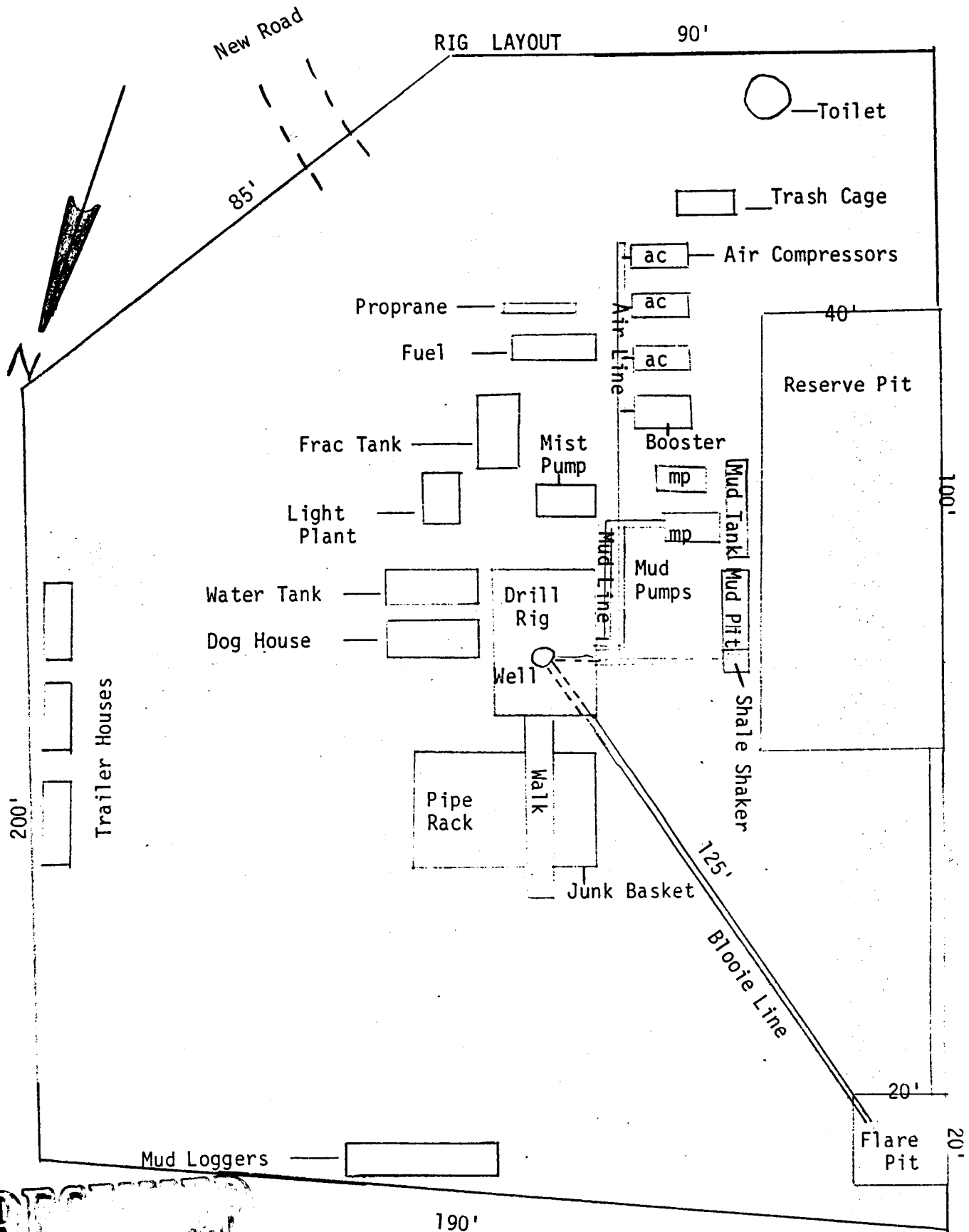
Date

10/21/87

Tony Hines

Tony Hines
Operations Manager

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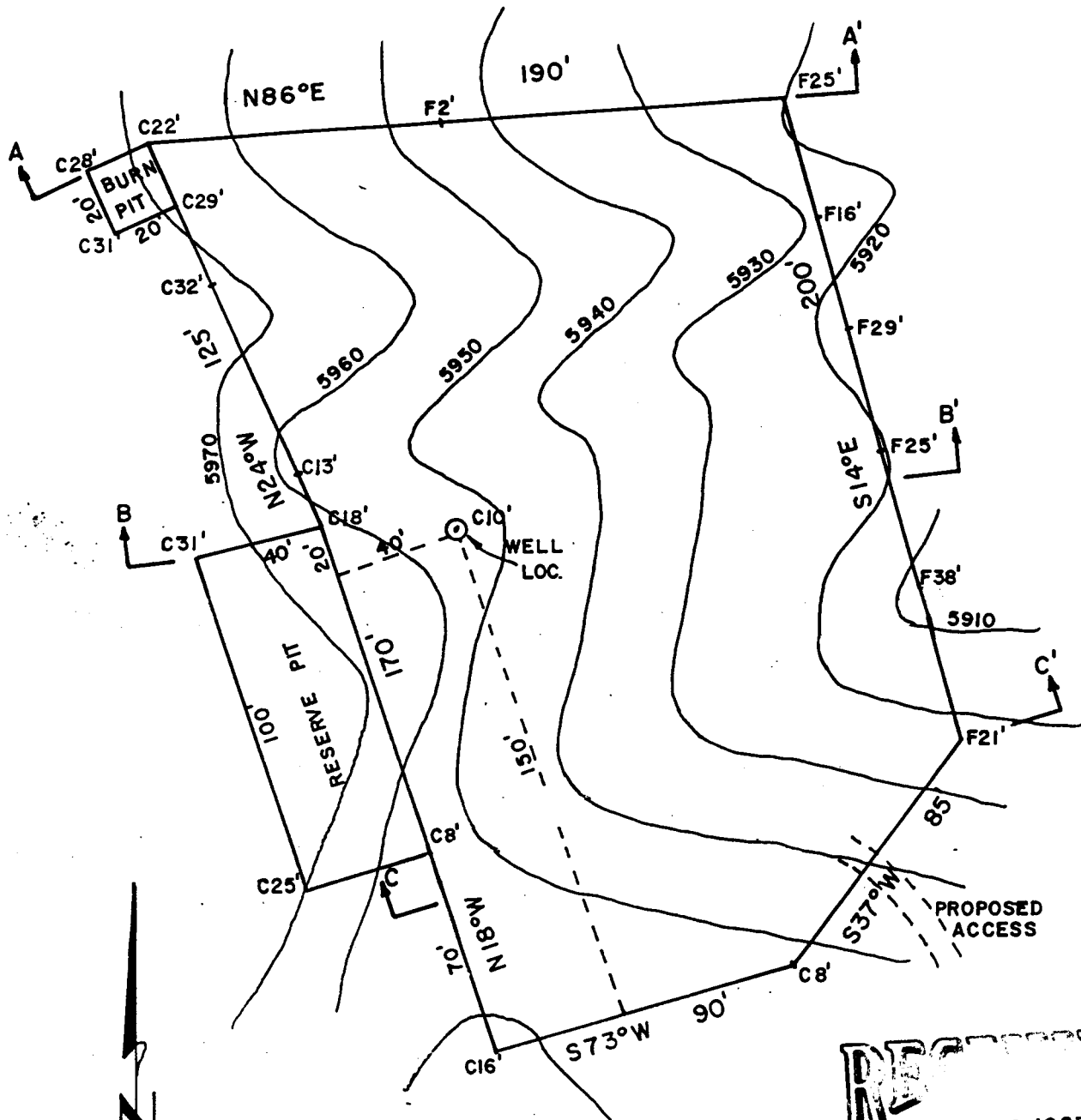
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PAD LAYOUT

SAN ARROYO UNIT 36A



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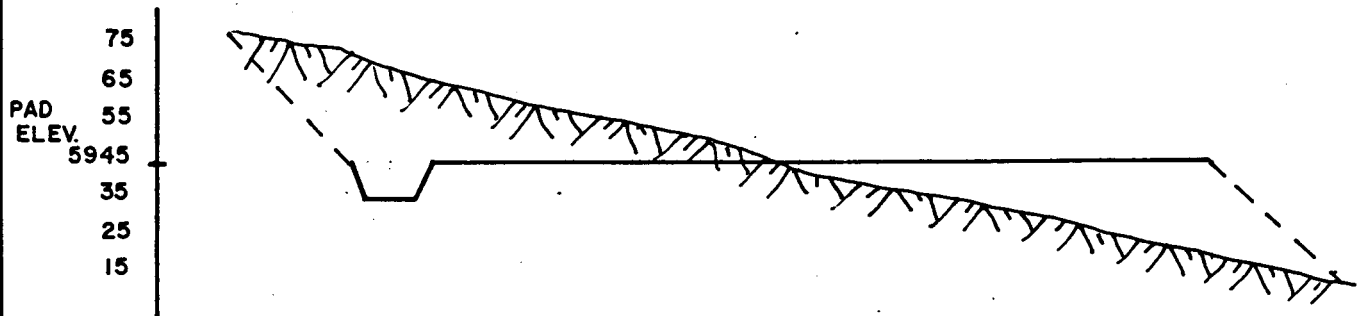
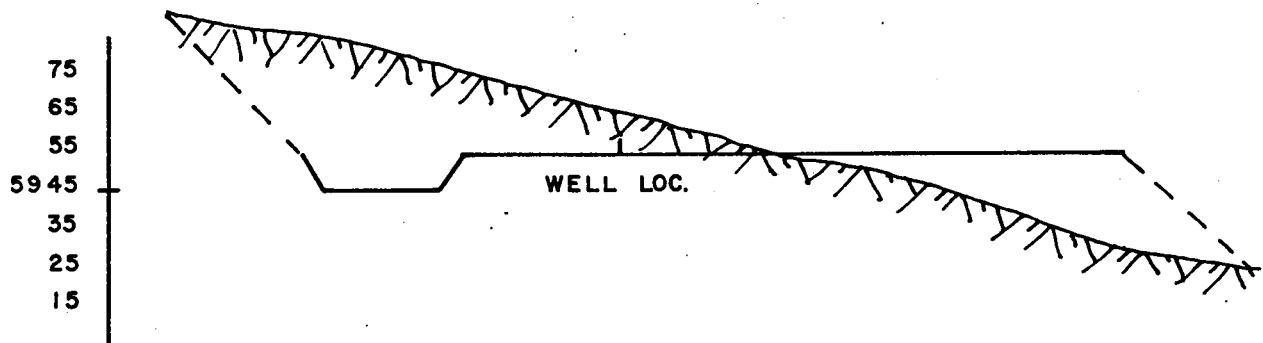
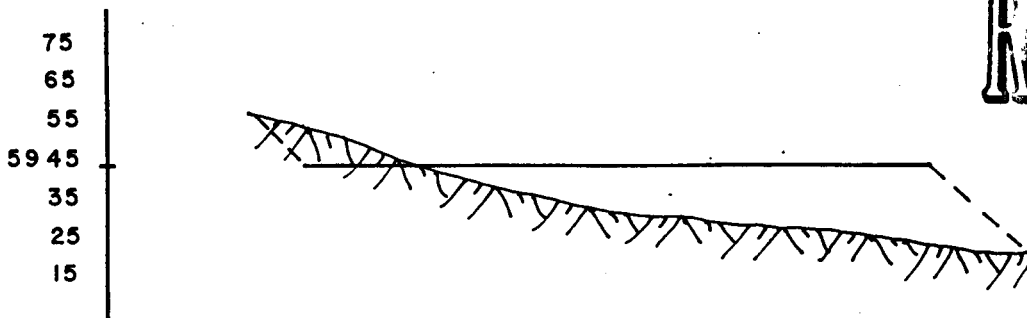
REFERENCE POINTS SET: 200' SOUTH & WEST

SCALE 1" = 50'

SHEET 2 OF 3

CROSS SECTIONS

SAN ARROYO UNIT 36A

SECTION A-A'SECTION B-B'SECTION C-C'

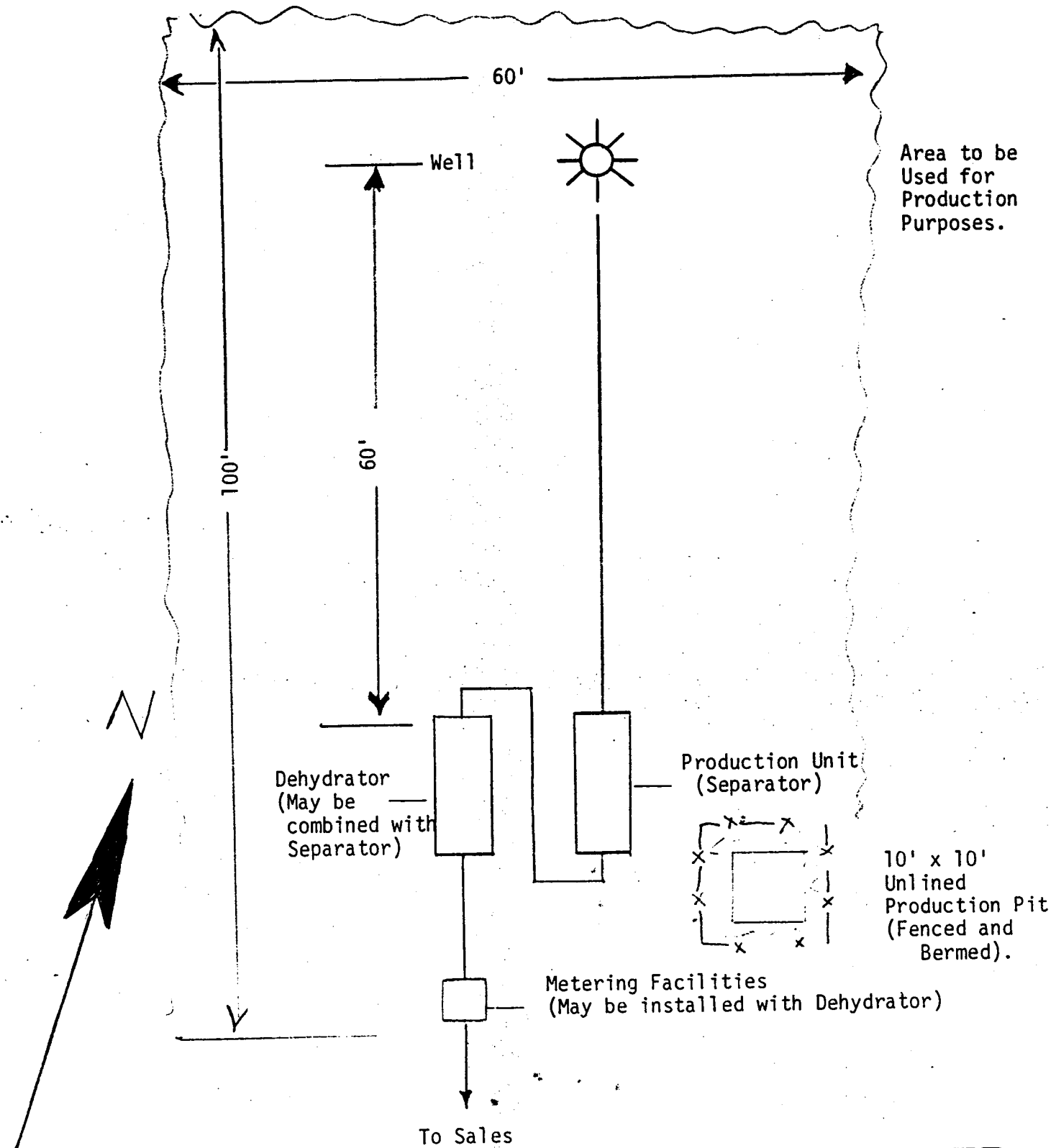
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SCALE 1" = 50' HORIZ. & VERT.

SHEET 3 OF 3

PRODUCTION FACILITIES

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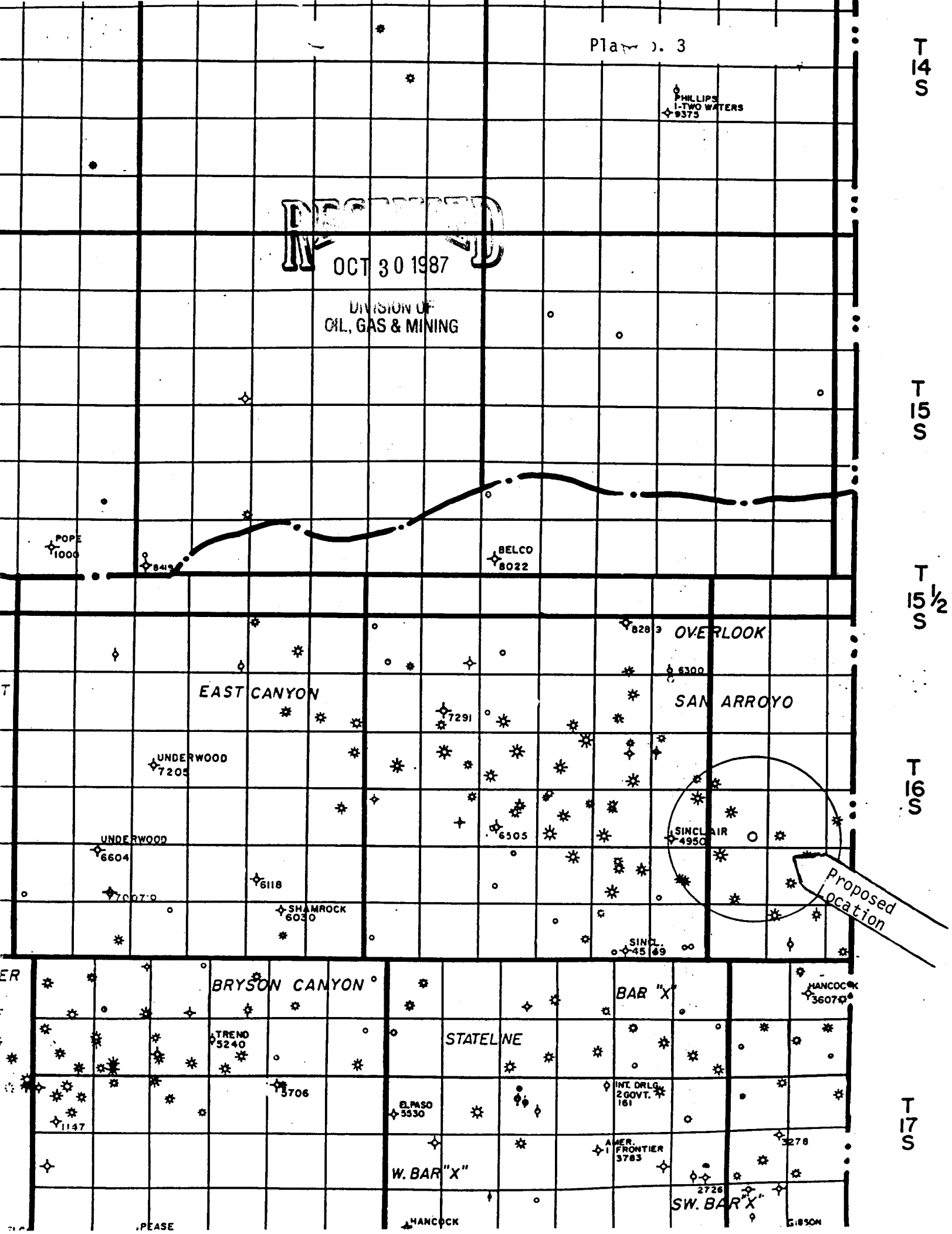
PHILLIPS
1-TWO WATERS
9375

T
15
S

T
15 1/2
S

T
16
S

T
17
S



Plat No. 1

GARFIELD COUNTY

Taken from U.S.G.S. Regional Map Grand Junction Colorado-Utah

Proposed Location
San Arroyo Unit 36A

11 miles from location
to Hwy. 6 & 50

Water Sources

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Proposed access to be constructed, \pm 1200 ft.

Existing improved dirt road.

Existing surface sales line

Proposed 2-3/8" screwed surface line.

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San Arroyo Unit 36
S A N A R R O Y O
Proposed Location
San Arroyo Unit 36A

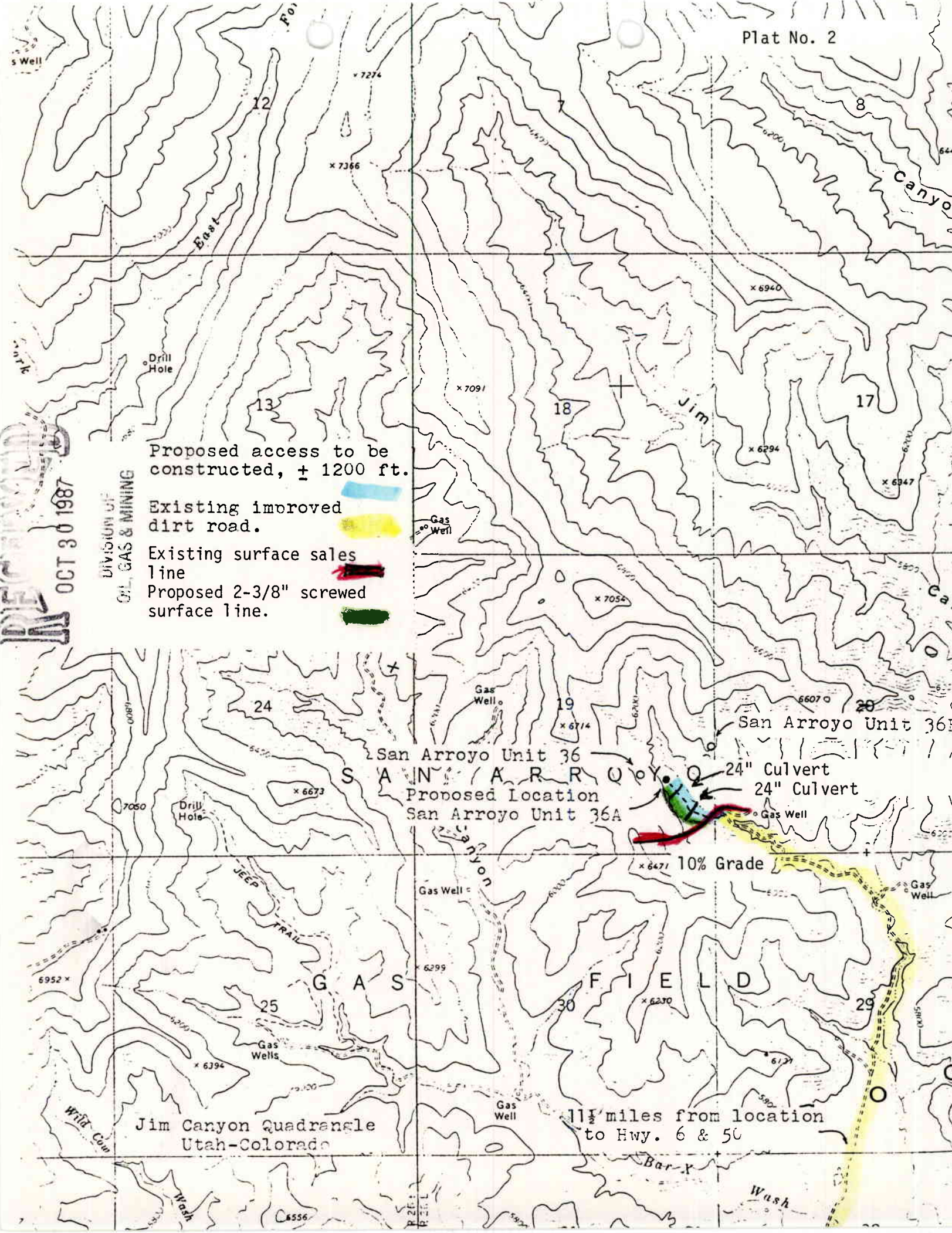
San Arroyo Unit 36

24" Culvert
24" Culvert

10% Grade

Jim Canyon Quadrangle
Utah-Colorado

11 1/2 miles from location
to Hwy. 6 & 50



111913

OPERATOR Burk Corp. DATE 11-4-87WELL NAME San Arroyo Unit 36-ASEC SE SE 19 T 16S R 26E COUNTY Grand

43-019-31251
 API NUMBER

Fed.
 TYPE OF LEASE

CHECK OFF:

☒ PLAT

☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD

☒ POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit WellWater - Colorado

APPROVAL LETTER:

SPACING: ☒ R615-2-3San Arroyo
UNIT☐ R615-3-2☐

CAUSE NO. & DATE

☐ R615-3-3

STIPULATIONS:

111 N. North Temple • 3 Floor Center • Suite 350 • Salt Lake City, UT 84120-1203 • 801-533-5340

November 18, 1987

Birch Corporation
3801 E. Florida Avenue, Suite 900
Denver, Colorado 80212

Gentlemen:

Re: San Arroyo Unit #36-A - SE SE Sec. 19, T. 16S, R. 26E
1305' FSL, 870' FEL - Grand County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Firth Corporation
San Arroyo Unit #36-A
November 18, 1987

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31251.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

ES
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U - 06188	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALIEN, OR TRUST NAME 120117	
2. NAME OF OPERATOR Birch Corporation			7. UNIT AGREEMENT NAME San Arroyo	
3. ADDRESS OF OPERATOR 3801 E. Florida, Suite 900, Denver, CO 80212			8. FARM OR LEASE NAME San Arroyo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 870' FEL, 1305' FSL, (SE $\frac{1}{4}$ SE $\frac{1}{4}$) Sec. 19, T16S, R26E, At proposed prod. zone NA Grand County, Utah			9. WELL NO. Unit #36 A	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 Miles NW of Mack Colorado			10. FIELD AND POOL, OR WILDCAT San Arroyo	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 15'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T16S, R26E, SLB&M	
16. NO. OF ACRES IN LEASE 360 ⁺			12. COUNTY OR PARISH Grand	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3150'			20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 5500'			22. APPROX. DATE WORK WILL START* October 15, 1987	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5955 G.L.				
23. PROPOSED CASING AND CEMENTING PROGRAM				

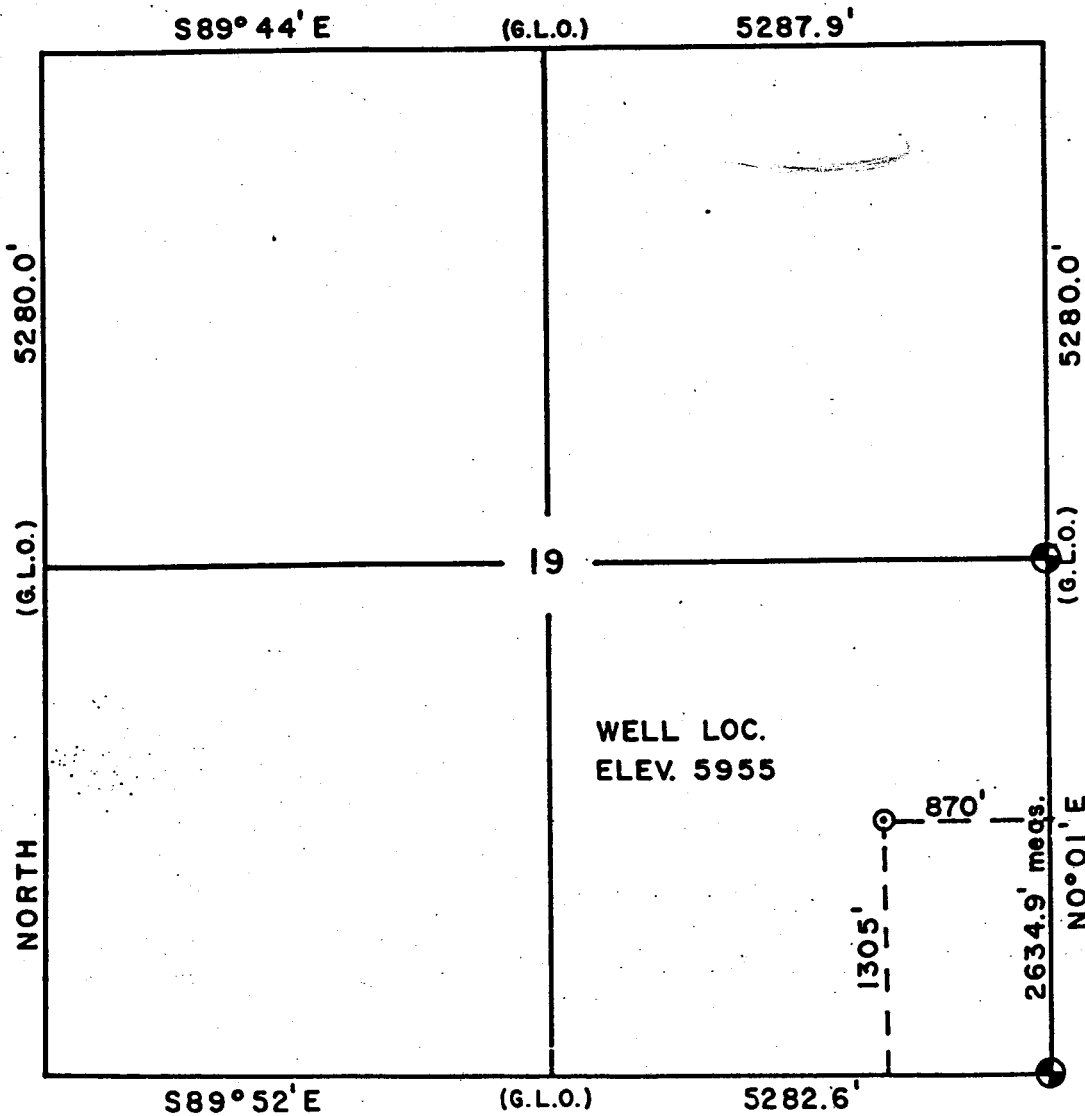
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Jerry Arnes</u> TITLE <u>Operations Manager</u> DATE <u>10/9/87</u>		
(This space for Federal or State office use)		
PERMIT NO. <u>43-019-31251</u> APPROVAL DATE <u>NOV 23 1987</u>		
APPROVED BY <u>/s/ Kenneth V. Rhea</u> TITLE <u>Acting DISTRICT MANAGER</u> DATE <u>NOV 23 1987</u>		
CONDITIONS OF APPROVAL, IF ANY:		

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO HPL 4-A
DATED 1/1/80

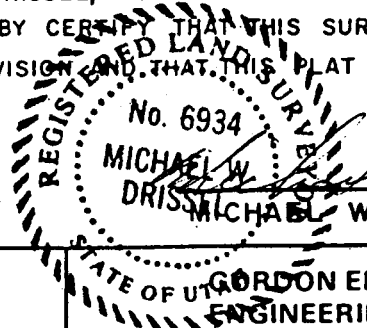


WELL LOCATION

1305 FT. N.S.L. - 870 FT. W.E. L.
SECTION 19, T.16S., R.26E., S.L.B. & M.

SURVEYOR'S CERTIFICATE

I, MICHAEL W. DRISSEL, A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.



No. 6934
MICHAEL W.
DRISSEL

MICHAEL W. DRISSEL

L.S. 6934



GORDON ENGINEERING, INC.
ENGINEERING - SURVEYING

Date 8-11-87

Drawn by MWD

Checked by SLH

Survey date 8-5-87

SAN ARROYO
UNIT 36A

Sheet 1 of 3

Job # 87013

Birch Corporation
Well No. San Arroyo Unit 36-A
Sec. 19, T. 16 S., R. 26 E.
Grand County, Utah
Lease U-06188

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

A. DRILLING PROGRAM

1. B.O.P.E. will be consistent with API RP 53.

B. SURFACE USE PROGRAM

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

Immediately upon completion of drilling, the location, and surrounding areas will be cleared of all remaining debris, materials, trash, and junk not required for production.

Produced waste water will be confined to a (lined unlined) pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligation determined by the authorized officer.

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:

Juniper Green

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

The following seed mixture will be used:

<u>Species</u>	<u>lbs/acre</u>
<u>Grasses</u>	
Western wheatgrass	2
Streambank wheatgrass	2
Indian ricegrass	2
<u>Shrubs</u>	
Fourwing saltbrush	2
Shadscale	2
Prostrate kochia	<u>2</u>
	12
	<u>lbs/acre</u>

Broadcast seed will be applied at double the above rate.

Final location release will be issued when the seeding is shown to be successful (when perennial vegetation is established).

NOTIFICATIONS

Notify the Grand Resource Area, at (801) 259-8193 for the following:

1 day prior to pressure testing of BOPE and/or surface casing.

Your contact with the Grand Resource Area Office is:

Jeff Robbins

Office Phone (801) 259-8193

Home Phone 801 259-7964

Grand Resource Area office address:

Grand Resource Area
Sand Flats Road, P.O. Box M
Moab, Utah 84532

Notify the Moab District Office, Branch of Fluid Minerals, at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Steven Jones, Petroleum Engineer Office Phone: (801) 259-6111
Home Phone: (801) 259-7404

Lynn Jackson, Chief, Branch of Fluid Minerals
Office Phone (801) 259-6111
Home Phone (801) 259-7990

Paul Brown, I&E Coordinator Office Phone (801) 259-6111
Home Phone (801) 259-7018

24 hours advance notice is required for all abandonments.

121010

DIVISION OF OIL, GAS AND MINING

Dr.

SPODDING INFORMATION

API #43-019-31251

NAME OF COMPANY: BIRCH CORPORATIONWELL NAME: SAN ARROYO #36-ASECTION SE SE 19 TOWNSHIP 16S RANGE 26E COUNTY GrandDRILLING CONTRACTOR VecoRIG # 2SPUDDED: DATE 12-7-87TIME 6:00 AMHOW RotaryDRILLING WILL COMMENCE REPORTED BY Sandy (Gordon Engineering)TELEPHONE # 303-245-1958DATE 12-7-87 SIGNED AS

TO

State of Utah
 Division of Oil, Gas & Mining
 Salt Lake City

FROM



**gordon
engineering inc.**
 Consulting Engineer
 Specialists in Oil and Gas

P.O. BOX 3525
 GRAND JUNCTION, CO 81502
 (303) 245-1958

SUBJECT

Re: San Arroyo Unit 36-A

DATE

12/15/87

MESSAGE

Enclosed are logs for the above referenced well. We have included:

- ✓ 1. Dual Induction - 57 L.
- ✓ 2. Compensated Neutron Formation & Density
- ✓ 3. Cyberlook.

SIGNED

Sandy Leavay

REPLY

✓ rec'd 12-21-87

VC

SIGNED

DATE

/ /

SUSPENSE FILE

DTS

ENTITY ACTION FORM - DOGM FORM 8

7-1-88

OPERATOR Birch Corporation
ADDRESS 3801 East Florida Avenue
Denver, CO 80210OPERATOR CODE N-9985
PHONE NO. 303, 759-4400

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999		43-019-31251	San Arroyo Unit #36-A	SESE	19	16S	26E	Grand	12/7/87	12/7/87

COMMENTS:

This well was spudded at 6:00 am on December 7, 1987.
WELL IS BEING DRILLED AS ENTRADA PRODUCER BUT IS
CURRENTLY OUT SIDE OF ENTRADA P.A. ASSIGN NEW ENTITY AS REQUESTED BY OPERATOR, DTS 12-30-87

COMMENTS:

SUSPENSE NOTE: REVIEW TO SEE IF P.A. BOUNDARY
(DTS) HAS BEEN Δ'd TO INCLUDE THIS
WELL. IF SO, ENTITY ~~WILL~~ WILL CHANGE TO 00505. DTS 12-30-87

COMMENTS:

Entity originally set up Entrada formation. Well completed OK-MR. Entity change to 00500 7-15-88. JCR
(10825)

COMMENTS:

RECEIVED
DEC 18 1987

COMMENTS:

DIVISION OF
OIL, GAS & MINING

ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL (SINGLE WELL ONLY)
B - ADD NEW WELL TO EXISTING ENTITY (GROUP OR UNIT WELL)
C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
E - OTHER (EXPLAIN IN COMMENTS SECTION)

(SEE INSTRUCTIONS ON BACK OF FORM)

SIGNATURE

Tom Amis
Operations Manager 12/7/87
TITLE DATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-06188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

123025

7. UNIT AGREEMENT NAME

San Arroyo

8. FARM OR LEASE NAME

San Arroyo

9. WELL NO.

Unit #36A

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Sec 19, T16S, T26E SLB & M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Avenue Suite 900, Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

870' FEL, 1305' FSL

14. PERMIT NO.

43-019-31251

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5955' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Transmittal of Information X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

✓ Spudded well on December 7, 1987, at 6:00 am. Drilled a 12-1/4" hole to 365 feet and run 9 joints of 43.5# 9-5/8" used range 3 casing totaling 372 feet. Landed casing at 355 feet and cemented with 200 sacks of Class G cement containing 2% CaCl₂ and 1/4 lb/sack celloflake. Plug down at 10:15 pm 12/7/87. Good returns and cement to surface. Drill an 8-1/2" and 7-7/8" hole to 5364 feet using air and mud. Reached total depth at 1:00 pm 12-14-87 and run Schlumberger Dual Induction FDC-CNL open hole logs with a gamma-ray. Run 129 joints of 4-1/2" 11.6# N-80 new production casing totaling 5363.69 feet. Landed casing at 5360' K.B. and cemented with 310 sack Dowell 10-0 RFC cement containing 1/4#/sx celloflake. Preceded cement with 500 gallons mud flush and used 12 centralizers and 30 scratchers. Plug down at 9:15 pm on 12/15/87 and rig released at 2:00 am 12/16/87.

18. I hereby certify that the foregoing is true and correct

SIGNED

Long Lines

TITLE Operations Manager

DATE

12/22/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or plug a well in a different reservoir.
Use "APPLICATION FOR PERMIT—" for such purposes.)

5. LEASE DESIGNATION AND SERIAL NO.

U-06188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

010623

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Birch Corporation

3. ADDRESS OF OPERATOR
3801 East Florida Avenue Suite 900 Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
870' FEL, 1305' FSL

14. API NUMBER
43-019-31251

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5955' FL, 5965' KB

7. UNIT AGREEMENT NAME

San Arroyo

8. FARM OR LEASE NAME

San Arroyo

9. WELL NO.

Unit #36-A

10. FIELD AND FOOT, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 19, T16S, R26E SLB&M

12. COUNTY OR PARISH 13. STATE

Grand Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

☐
☒
☐
☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We propose to complete the above well according to the attached procedure. The fracture treatment will be designed for an 800 foot propped fracture length. It is anticipated that operations will begin on December 28, 1987.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operations Manager

DATE

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1-5-88

BY: John R. Boye

*See Instructions on Reverse Side

BIRCH CORPORATION

PROPOSED COMPLETION PROCEDURE

San Arroyo Unit #36-A

LOCATION: 870' FEL, 1305' FSL, Section 19, T16S, R26E, Grand County, Utah.

ELEVATION: 5955' GL, 5965' KB.
Note: All depths refer to KB measurement which is 10 ft above ground level.

TUBULARS: 4-1/2" 11.6# N-80, LT&C New production casing.
Maximum pressures: Burst 7780 psig
Collapse 5950 psig
BHT 138°F

PROCEDURE:

1. Move in and rig up rig. Install BOP's and rig up Dyna-Jet. Run a GR-CBL with a collar correlation log from PBTD to cement top. Pressure test casing to 6500 psig.
2. Pick up 2-3/8" tubing string and run in hole to 5200 feet. Load hole with 3% KCl water containing clay-stabilizer and swab down to 4500 feet. Pull tubing and prepare to perforate.
3. Perforate the top of the Entrada from 5090' - 5096' with 7 holes. Use a 3-1/8" casing gun and premium charges.
4. Swab well and test. If wet, set CIBP at 5050' and dump 2 sacks of cement on plug.
5. Load well with KCl water and fill to a depth of 4000 feet. Perforate the Salt Wash intervals 4801', 4802', 4804', 4806', 4844', 4846', 4848', 4850', 4851', 4858', 4860', 4948', 4951', 4954', 4957', 4960', 4963', and 4965' with 1 shot each. Use a 3-1/8" casing gun and premium charges.
6. Swab and test. Breakdown perforations with 2000 gallons 15% HCl containing inhibitor for 6 hours @ 138°F, iron sequestering agent, clay stabilizer, a non-ionic surfactant and 40 ball sealers. Use 500 scf per BBL of Nitrogen in the acid. Flow back, swab if necessary, and test.
7. Fracture zone down casing with a foam frac. A design will be provided later. Flow well and clean up.
8. Fill casing to 4000' with KCl water and perforate the following intervals:

4467' - 4472'	4 holes	1 JSP2F
4487'	1 hole	
4497'	1 hole	
4540' - 4546'	4 holes	1 JSP2F

Use a 3-1/8" casing gun and premium charges, Run a gauge ring. Pick up retrievable bridge plug and packer. Set RBP at 4560' and packer at 4350'.

9. Swab and test. Breakdown perforations with 1000 gallons of 15% HCl with same additives as above. Use 20 ball sealers and Nitrogen. Flow back, swab if necessary, and test.

10. Fracture zone down tubing with a foam frac. Flow to clean up and test.

11. Release packer and spot sufficient 20-40 sand to fill to 4460 feet. Dump 100 lbs of 100 mesh sand on top. Pull out of hole with packer and and perforate the following intervals:

4361'- 4381'	11 holes	1 JSP2F
4390'- 4396'	4 holes	1 JSP2F
4403'- 4407'	3 holes	1 JSP2F
4420'- 4430'	6 holes	1 JSP2F

Use a 3-1/8" casing gun and premium charges.

12. Swab and test. Breakdown perforations with 2000 gallons 15% HCl as above using 50 ball sealers and Nitrogen. Flow back, swab and test.

13. Fracture treat down casing and flow to clean up.

14. Clean out, retrieve bridge plug, clean out below bridge plug, and land tubing at 4350 feet. Flow well to clean up and place into production.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
JAN 06 1988

DIVISION OF
OIL, GAS & MINING

011114

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: San Arroyo Unit #36-A 43-019-31251
Operator: Birch Corporation Address: 3801 East Florida Avenue Suite 900
Denver, CO 80210
Contractor: VECO Drilling, Inc. Address: Grand Junction, CO 81501
Location SE 1/4 SE 1/4; Sec. 19 T. 16 N R. 26 E; Grand County.
S XX

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
<u>From-</u>	<u>To-</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1. <u>0</u>	<u>- 355'</u>	<u>None</u>	
2. <u>355'</u>	<u>- 4751'</u>	<u>None</u>	
3. <u>4751'</u>	<u>- 5364'</u>	<u>Unknown</u>	<u>Unknown</u>
4.			
5.			

(Continue on Reverse Side if Necessary)

<u>Formation Tops:</u>	<u>Mesaverde - Surface</u>	<u>Entrada - 5081'</u>
	<u>Mancos - 370'</u>	<u>TD - 5364'</u>
	<u>Dakota Silt 4242'</u>	
	<u>Dakota 4346'</u>	
	<u>Morrison 4557'</u>	

Remarks:

Drilled with air and encountered moisture at 4751 feet. Switched from air to mud at this depth.

- NOTE: (A) Upon diminishing supply of forms, please inform this office.
(B) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(C) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMVR ☐ Other _____

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Ave Suite #900 Denver Co 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 870' FEL 1305" FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-019-31251

DATE ISSUED

11-18-87

12. COUNTY OR

Grand

13. STATE

Utah

15. DATE SPUDDED

12-7-87

16. DATE T.D. REACHED

12-14-87

17. DATE COMPL. (Ready to prod.)

1-24-88

18. ELEVATIONS (OF RKB, RT, GR, ETC.)*

5955 GL 5965 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & T/D

5364

21. PLUG. BACK T.D., MD & TVD

5050'

22. IF MULTIPLE COMPL.,

HOW MANY*

2

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Morrison 4801-4965

Dakota 4467-4546

25. WAS DIRECTIONAL

SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual induction FDC-CNL open hole with a gamma ray

880430

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	43.5#	355	12 1/4"	200 sx Class G+2% CaCl ₂	
4 1/2"	11.6# N-80	5360 KB	8-7/8 & 7'7/8	310 sx Dowell 10-0 RFC	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4321.35'	CIBP @ 5050'

31. PERFORATION RECORD (Interval, size and number)

5090-5096 7 holes (unproductive, set CIBP @ 5050' w/2 sx cement P&A)

4801-4965 18 holes 4487 1 shot

4497 1 shot

4467-4472 4 shots 4540 4 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	see attachment

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-24-88		flowing				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-24-88	24	20/64	→	0	511	35	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200 psig	340 psig	→	0	511	35	NA	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

TEST WITNESSED BY

George Beverly

35. LIST OF ATTACHMENTS

attachments enclosed

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Long Amy

TITLE

Operations Manager

DATE

4/13/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Mesa verde	surface	355'
Mancos	360'	720'
Castlegate	730'	4265'
Dakota Silt	4275'	4325'
Dakota	4335'	4450'
Cedar Mtn.	4460'	4580'
Morrison	4590'	5093'
Entrada	5103'	

DRILLING REPORT

San Arroyo Unit #36-A
Sec. 19, T16S-R26E
Grand County, Utah

12-6-87 - MI Rotary tools. Muddy Road.

12-7-87 - Present Operation: spudding. Bit #1: s/n AP8790, 12 ¼" DSJ. Pen jets. In:0. RU 10½, Rathole - 2½, RU to spud 1. RU Kellys. RU to drill rat hole. Drill and set same. RU to spud 6:00 a.m.

DC: \$300
CC: \$5,803

12-8-87 Drill 12¼ hole, service rig and hook up geolograph. Drill 12¼", run survey, drill to 365', blow hole, POOH, lay down BHDC, RU casers, run 9 jts. 9-5/8" LTC, 8 rnd, 43.5#/ft. casing - total footage-372'. Blow hole, landed 9-5/8" @355' KB. RU cementers. 30 bbls gel water ahead, seat cement w/200 sx Class G w/2% CaCl, ¼ #cellex/sx. Displace with 24.5 bbls. water, plug down at 10:15 p.m. 12/7/87. Wait on cement. 3 jts. 9-5/8" length 39.19', 38.15', 27.37' left on location 36-A.

DC: \$31,079
CC: \$36,882

12-9-87 NU BOP's, pressure tests BOP's, choke manifold and kelly cock 1,000#. Lay blooie line. RU, drill, and set mouse hole. tag plug at 320'. RU air head and kelly drive, drill plug cement and slow shoe drill to 417' and run survey. Drilling 8½" hole at 750'.

DC: \$6,976
CC: \$43,858

12-10-87 - Drill and change rotary head. Run survey @ 900' and drill. Rotating head locked up- change out again. Drill and service rig. Drill and run survey @ 1400'. Drill and run survey at 1921'. Service rig. Drill and run survey at 2416'. Drill ahead at 2492'.

DC: \$30,051
CC: \$73, 909

San Arroyo Unit #36-A
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12-11-87 - Drill & survey to 2921'. Change out air head, drill and change out air head rubber. Drill and run survey at 3418'. Misrun. Drill and run survey at 3449'. Drill 8 1/2" hole to 3808'. Drill 8 1/2" hole to 3808'. Trip for new bit. Reduce hole to 7 7/8", 4 days since spud. Drilled 1316' past 24 hrs. Formation: Shale & sand. Depth: 3808'. WOB: 20-25,000. Hook load: 84,000. RPM 70-80. Cir press 150. Drilling with air. Bit #2 FE630 8 1/2 J22. Open. In 365'. Out 3808'. Footage & hrs: 3443 42 1/4. Hrs: drlg - 16 1/4. Surv 3/4. Trip - 5 3/4. Other: change rotating head 1 1/4. Deviation: 2 degrees @ 2921'. 0 degrees at 3418'. 3 degrees at 3449'. Costs: Rig - 21938. Rental tools - 50.

DC: \$22,288

CC: \$96,197

12-12-87 - Finish trip. Wash 30 ft to bottom. Drlg. Tighten kelly drive bushing. Change out air head and rubber. Pressure up at 4751' wet. Pull out 5 stds, mud up and change flow line. RI 5 stds, began drlg. Change air head again. Drl ahead w/ mud at 8'/hr. 5 days since spud. Drilled 962 ft past 24 hrs. Morrison Formation. Depth: 4770'. WOB 28,000. Hook load 90,000. RPM 75. #1 pump size 6 x 15. Stks/Min 60. #2 Pump size: Stdby. Cir press 600. Output 367. GPM Ann Vel 340 DP 215. Bit #3 2563 7 7/8 V-537. Open In: 3808. Footage & hrs: 962 16 1/2. Hours: drlg - 16 1/2, Surv - 1/2, Trip - 3/4, Repair - 1/4, Other - Ream & wash to bottom 3/4, change air head & rubber 2 1/4 mud up & change to flow line 3 hrs. Deviation: 3 1/2 degrees @ 3945. Drlg Fluid 8.8# Vis 52. Costs: Rig - 16037, Supervision - 300, Logging - 500, Rental tools - 50., Water - 832.

DC: \$17,719

CC: \$113,916

12-13-87 - Drilling w/ mud + 7 7/8" bit. Removed air head & install drlg nipple. Drill ahead @ 5003'. Morrison. 5-20 units BG. Shale, var, spuntery & hard. SS. WH VF-F, FRM & FRIA. MOD Soot, Ang. No shows. 6 days since spud. Drl 233 ft past 24 hrs. Morrison formation. Depth: 5003'. WOB 28-30. Hook load 92,000. RPM 70. #1 pump size 6 x 15. Stks/Min 60. Cir Press 700. Output 367. GPM Ann Vel DC 340. DP 215. Bit #3: 2563 7 7/8 V-537 Open In: 3808. Footage & hrs: 1195 39 3/4 hrs. Hrs: Drilling - 23 1/4. Instal drlg nipple 3/4. Drlg fluid: 9.1#, Visc 47, WL 6.4 PV 23. YP 5. Gels 2/4 pH 9.5. FC 2/32 Sand 1/2% Cl 700. Solids 5.5%. CA 40. Alk .2/.5 Costs: rig - 3884. Supervision - 300. Logging - 250. Rental Tools - 50. Water - 728.

DC: \$5212

CC: \$119,128

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 12-14-87 - Drill and serv rig. Run Survey @ 5032'. - 4°. Drill and work on draw works motor. (ran out of fuel). Drill ahead @ 5323'. Top of Entrada 5103'.

Geology Report: Entrada 5103'. background gas 5-20 units. Conn gas - 10-25 units. Shale - drk grey, black, pink, maroon, light green, red subblocky. Silty and sandy in part. Firm and calcareous. Sandstone - red, light red, white, very fine to fine grain, rounded, moderately sorted. Argillaceous in part, friable. 7 days since spud. 320 ft drilled last 24 hrs. Entrada formation. 5323'. WOB 28-30,000. Hook Load 93,000. RPM 70. #1 pump size 6 x 15. Stks/Min 60. Cir Press 700. Output 367. GPM Ann Vel DC 320. DP 215. Bit #3: 2563 7 7/8" V537 Open. In 3808. Footage & hrs: 1515 62 1/4. Hrs: Drlg - 22 1/2, Survey - 1/2, Repair - 3/4, Rig Serv - 1/4. Deviation: 4 degrees @ 5032'. Drlg fluid: wt - 9.3#. Visc - 43. WL 6.4, PV 22, YP 4, Gels 2/4, pH 9, FC 2/32, Sand 3/4%, Cl 700, Solids 7%. CA 40., Alk .1/.4 Other: 5067 - cost. Costs: Rig - 5335, Logging - 250, Rental Tools - 50. Water - 860.

DC: \$6795
 CC: \$125,923

12-15-87 - Drill to 5378'. Circulate. Short trip, 15 stds. Circ, drop survey. SLM & out of hole, 14' corr. 5364' corr. Log well, trip in hole to circulate and run 4 1/2" csg. 8 days since spud. 55 ft drilled past 24 hrs. Entrada formation. Depth 5378'. WOB 30,000. Hook Load 94,000. RPM 70. #1 pump size 6 x 15. Stks/Min 60. #2 pump size 6 x 12. Stks/min 0. Cir press 800. Output 367. GPM Ann Vel DC 340. DP 215. Bit #3: 2563 7 7/8 V537 Open. In 3808, Out 5378. Footage & hrs: 1570 69 1/4. Hrs: Drlg - 9.2 Surv - 1/4. Trip - 9. Circ. 2 1/4 Log 5 1/2. Deviation: 2 degrees @ 5378'. Drlg fluid: 9.2# Visc 59. Costs: Rig - 917. Mud logging 250. Rental tools 50. Water 624.

DC: \$12,221
 CC: \$138,144

12-16-87 - Fill pipe. TIH. Circ.

DRILLING REPORT

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12-16-87 - Fill pipe. TIH. Circ. LD DP & DC's. RU & run 129 jts N-80 11.6# 4 1/2" csg & shoe & float & equip = 5363.69 Landed 5360. Float at 5320. Pump 10 bbls CWF-100. Flush ahead cement w/ 310 sks 100-0 RFC w/ 1 1/2 lb cello-flake/sk. Displace w/ 825 bbls H2O. Pump plug w/ 700#. Bump plug 1200#. Released. Held ok. Plugged down at 9:15 pm. 12-15-87. Nipple down cellar. Set slips. Cut off clean pits. Drain pumps. Rig released 2 am 12-16-87. Depth: 5364'. #1 pump size 6 x 15. #2 pump 6 x 12. Hours: Trip - 3/4. CO Fill pipe 1/4. Cir to run 4 1/2" 2 hrs. LD drill pipe & DC's 5 1/4 hrs. RU and run 4 1/2" 5 hrs, RU circ scratch hole - 1 hr. Cement 1 hr. Strip collars, set slips & cut off. Clean pits, drain pumps 4 3/4. 2 am rig released. RD 4 hrs.

DC: \$37,760
CC: \$175,904

12-17-87 - Pick up all paper and records on 36-A. Take to Grand Junction office. Returned to location #37. Dirt contractor lacks approximately 1/2 mile having road pioneered to location. SDON.

12-18-87 - Rig torn down. Completely moved off location. 5:00 p.m. 12-17-87. No report on San Arroyo Unit #37.

12-19-87 - Drove to Grand Junction to pick up road signs and location signs for 36-A and 37. Put road signs out and 36-A location sign. Welder repaired line to 37. Dirt equipment operator stated that location and road would be done by Monday night. When Stites fences 36-A, he will clean off location.

12-20-87 - No report for 36-A and 37.

12-21-87 - No report for 36-A and 37.

12-22-87 - No report for 36-A and 37.

12-23-87 - No report for 36-A.

12-24-87 - No report for 36-A.

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12-25-87 - No report for 36-A.

12-26-87 - No report for 36-A.

12-27-87 - No report for 36-A.

12-28-87 - Prepare to move rig to well.

12-29-87 - Moved in and RU.- MWS #5. Spotted 2 frac tanks, pump in pit, install 6" 5000# BOP's w/ closing unit. Lay flow line to frac tank. SDFN.

12-30-87 - RU Dyna Jet to run GR-CBP log to 5300'. Top of cement at 4033'. Had 100% bond from 5300 - 4320'. 80 or 90% from 4320-4210'. 100% from 4210-4033'. WO Dowell. RU press test to 600#. BOP's flang. Leaked. Release press, tighten BOP's. Press test to 5970#. Held 6 min. Rig Dowell down. Put on SN. Run & talled 170 jts 2 3/8" tbg to 5202.78'. RU and cir hole w/ 3% KCl water pump 77 1/2 Bbls. RU swab well to frac tanks. Rec 30 Bbls. Shut down. Type of fluid in hole: 3% KCl water. Casing size: 4 1/2". 11.6#. 7790. Interval: TD Min ID 3.875.
 Supplemental report: Swabbed down to 4000 ft and perforated Entrada section 5090-5096' with seven holes. No fluid increase or pressure. Running tubing to swab.

CC: \$7360.60

12-31-87 - Swab well down to 4000. Rec 18 Bbls. TOH w/ tbg. RU Dyna Jet. RIH. Perf Entrada from 5090' to 5096' w/ 7 holes. Use 3 1/8" csg gun & premium charges. TIH w/ 170 jts 2 3/8" tbg to 5202.78. RU. Swab well on test. Rec 50 Bbls. 3% KCl w/ Clay stabilizer as type of fluid in hole.

DC: \$1,575.32

1-1-88 - O Tp Fluid level 2400 ft. Swab and recover 27 Bbls water. Trip out w/ tubing. RU Dyna Jet to set CIBP. Set CIBP at 5050'. Could not release from plug. Pull out of rope socket. RIH with overshot and pull setting tool free. Start out. Pull 60 jts & SDFN.

DC: \$2899

CC: \$22,165

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1-2-88 - Finish pulling out of hole with fish. RU Dyna Jet. Dumped 2 sks cement on plug. Perf from 4801-4965. 18 holes. TIH w/ tbg to 4747.92. Swab test to frac tank. Fluid level 1800 ft. Swab well down. Recover 39 Bbls. Well was dry and small blow on it.

DC: \$3596
 CC: \$25,924

1-3-88 - SITP 0# press. Fluid level 4700#. RU Dowell. Load hole w/ nitrogen. Acidize w/ 2000 gals 15% Hcl w/ A 250 L58 L55 F 75N w/ 500 scf N2/Bbl. 40 NCB sealers. Flush w/ 16 Bbls 3% Kcl w/ 500 scf N2/Bbl. Max TP 4330# - FTP 4330#. Avg TP 4000#. ISDP 3060 - 5 min 2840, 10 min 2740, 15 min 2720. Open well to frac tank. Flow back 14 Bbls. Well dead in 1 1/2 hrs. Swab well 3 hrs. Rec 5 Bbls. Well dry. Total to rec: 67 Bbls. Total Rec 19. Left to rec 43 Bbls. Shut down.

DC: \$12,241
 CC: \$39,165

1-4-87 - Tbg 190#. Csg 345#. Fluid level: 4,000'. Blew tbg down. Make one run. Blow cas down. Pull tbg. RU Dowell to frac. Treat w/ 62,130 gal 75 Q foam. 1/100 J218 1/1000 L-55 8/1000 foamer. .25/1000 M76. 10#/Bbl Kcl 4/1000 J1 11 15,000# 100 mesh. 54,000# 20/40 sd. Flush w/ 3130 gal. 75Q foam. Max 4680#. Final 4394. Avg 4000#. ISIP 4000#. 5 min 3720#. 10 min 3712# 15 min 3702#. Rate: 30 Bbls.

Fracture Treat Down Casing as Follows

<u>Time</u>	<u>Volume</u>	<u>(Gals)</u>	<u>Treating</u>	<u>Proppant</u>	<u>Treating</u>
<u>Remarks</u>		<u>Fluid</u>		<u>Pressure</u>	
14:18	5000	75Q Foam	Pad	4421	Shut down at end of pad - nitrogen line leaking
	10000	75Q Foam	1/2 ppg 100 mesh	4627	
	10000	75Q Foam	1 ppg 100 mesh	4677	

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	3000	75Q Foam	1/2 ppg 20/40	4508	
	4000	75Q Foam	1 ppg 20/40	4344	
	6000	75Q Foam	1 1/2 ppg 20/40	4344	
	9000	75Q Foam	2 ppg 20/40	4344	Shut down at 15:06 due to nitrogen line leaking. Same connectionn cut rubber.
15:06	Shut down				
15:17	Resume pumping. Having trouble getting proper sand concentration. 4384				
	8000	75Q Foam	2 1/2 ppg	4375	Cut 7 Bbl Short. Sand problem.
	3700	75Q Foam	3 ppg 20/40	4230	
15:31	3,130	75Q Foam	Flush	4073	
	ISIP	4000 psig	Note: Sand Volumes		
	5 Min	3720 psig	100 mesh	15,000#	
	15 Min	3702 psig	20/40	54,000#	

All liquid contained 3% KCl, 40#/100 gal gelling agent. Clay stabilizer, foamer, and biocide. Appropriate break for gell.

All fluid pumped at 30 Bbl per min.

Type of fluid in hole: 3% KCl. Added to system: 323 Bbls. Lost to formation: 62 Bbls. Total lost to date: 385 Bbls. Swabbed today: 169 Bbls. Total Swabbed: 188 Bbls. Left to Recover: 197 Bbls.

DC: \$36,683

CC: \$74,848

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1-5-88 - Prepare to perforate. Flow tested:

8:00 am	4 Bbls	14/64" choke	250 cp
9:00	3	"	220
10:00	1	"	210
11:00	4	"	200
12:00	2	"	180
1:00 pm	2	"	170
2:00	4	32/64"	165
3:00	5	"	80
4:00	7	"	65
5:00	7	"	40

Well died - no fluid overnight. Recovered 39 Bbls. total 327.
 158 left to recover.

DC: \$1917
 CC: \$76,765

1-6-88 - Pumped 17 Bbls 3% KCl. RU Dyna-Jet.
 4467-4472 4 shots. 4487 1 shot. 4497 1
 shot, 4540 4 shots. TIH w/ BP & packer. Set plug at 4560'. Set
 packer at 4360'. Swab test well. Recovered 6 Bbls. Well dry
 last 3 hrs. SDFN.

DC: \$4337
 CC: \$81,095

1-7-88 - Tbg press 125#. Csg press 0#. Fl 4300'. NU Dowell &
 acidize w/ 10,000 SCF N2 ahead & 1000 gals 15% HCl containing L-55
 L-58, A250 & F75N w/ 500 scf N2/Bbl and 20 NCB sealers. Flush to
 perfs w/ N2. Fair ball action - no ball off. Max TP: 3780#.
 Final TP: 3350#. Avg TP: 3100#. Max & Avg rate 5 BPM. Blow
 well down. FL 3700'. Rec 4 Bbl. Well dry. ISDP 3200#. 5 min:
 2723#. 10 min: 2558#. 15 min: 2485#.

DC: \$4645
 CC: \$85,774

1-8-88 - Prepare to fracture well. Shut down. Waiting on
 Water. Water haulers quit. Will fracture treat well on 1/8/88.

1-9-88 - Check pressure on tbg. 780#. Blow well down. Release
 pkr. TOH w/ tbg. RU Dowell. Frac well w/ 38,000 gal 75Q foam,
 1/1000 L-55, 1/1000 J-28 .25/1000 M76, 40/1000 J111, 8/1000
 foamer. 10#/Bbl KCl, 38,500# 20/40 9000# 100 mesh. Flush w/ 75Q

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foam. Shut well in 2 1/2 hrs. Max 3560 Avg 3350 ISIP 3000 5
 min 2613. 10 min 2550. 15 min 2508. Rate: 25 Bbls/min.

Time	Volume	Treating Fluid	Proppant	Treating Pressure
1010	5,000	75 Q Foam	Pad	2560
1016	6,000	"	1/2# 100 mesh	3344
	6,000	"	1# 100 mesh	3281
	2,000	"	1/2# 20/40	3332
	3,000	"	1# 20/40	3360
	4,000	"	1 1/2# 20/40	3560
	5,000	"	2 1/2# 20/40	3432
	5,000	"	3# 20/40	3423
	2,000	"	Flush	3451

ISIP 3,000
 5 Min 2,613
 10 Min 2,550
 15 min 2,508

DC: \$23,466
 CC: \$109,224

1-10-88 - Flow back after frac. Well dead this a.m. Well
 flowing - produced 76.9 Bbl. Flowing 250 psig on 14/64" choke.
 Producing 3-4 Bbls/hr.

DC: \$2351
 CC: \$111,575

1-11-88 - Preparing to perf Dakota. Pumped 10 sacks sand, RU
 Dyna-Jet. Tagged sand @ 3814'. TIH w/ notched collar & tbg.
 Reverse circulated and clean out to 4460'. 646 ft. Start out of
 hole w/ tbg. SDFN.

DC: \$2330
 CC: \$113,895

1-12-88 - Present Operations: Prepare to set RBP. POOH w/ tbg.
 RU Dyna-Jet. Perforate 4361-81'. 11 holes. 4390-96' 4 holes.
 4403-07 3 holes. 4420-30' 6 holes. Total - 24 holes. TIH w/ tbg
 to 4310'. RU & swab, swab 43.6 bbls. Well kicked off - Load
 overnight 47.4 bbls for total of 91 bbls. Flowed well overnight.

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12:30 pm	75# tbq	6.2 Bbls	Total Recovered
2:30	120	8.3	14.5
3:30	175	7.3	21.8
4:30	230	3.5	25.3
5:00	270	1.9	27.2
6:30	230	4.7	31.9
7:30	210	2.8	34.7
8:30	195	0	34.7
9:30	180	0	34.7
10:30	180	0	34.7
11:30	180	1.8	36.5
12:30	170	0	36.5
1:30	170	0	36.5
2:30	160	1.8	38.3
3:30	160	1.9	40.2
4:30	150	1.8	42.0
5:30	150	3.6	45.6
6:30	150	1.8	47.4

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 Well flowed quite a lot of sand. Tagged sand at 4535'. Set RBP. Well presently flowing gas wide open. About a 15' flare. 230 psig casing pressure.

DC: \$3697
 CC: \$117,592

1-13-88 - Present operation: Wait on acid trucks. Prepare to breakdown upper Dakota. Type of fluid in hole: KCl treatment. Tag bottom w/ tbg at 4535'. TOH w/ tbg. RU Dyna-Jet. Run gauge ring to 4470'. Run bridge & set at 4450'. TIH w/ tbg to 4310'. Swab well. No fluid. Casing 240#. Tbg good blow. Will burn. Tagged sand depth at 4535' before setting bridge plug.

DC: \$4835
 CC: \$122,427

1-14-88 - Present operation: prep to frac upper Dakota. Test date: type of test - flow test. 20/64" choke. TP 200 psig. CP 260.

Time	Tubing Pressure	Casing Pressure
9:00	200#	260#
10:00	200	260
11:00	200	260
12:00	200	260
1:00	200	260

Flowing 511 MCFD. Blow well down. RU Dowell, acidize 2/ 2000 gal 7 1/2% HCl, 1/1000 L55, 1/1000 F15, 2/1000 A250, 5#/1000 L58, 88,000 scf N2, 50 gall sealers. ISIP 3100, 5 min 2900, 10 min 2800, 15 min 2729, rate 6 BPM.

DC: \$6616
 CC: \$129,043

1-15-88 - Blew well down, TOOH w/ tbg. RU Dowell to frac w/ 89000 gal WF40 foam w/ 1/1000 L55, 40/1000 gel, 8/1000 FBI, .25/1000 M76, 1/1000 J218, 94,000# 20/40 sand, 21,000# 100 mesh. ISIP 3400, 5 min 3108, 10 min 2998, 15 min 2943. Rate: 30 bpm. Max press 3909, avg 3700, final 3690. Shut well in for 8 hrs. 10:30 pm open well - 2700# cp. 16/64" choke.

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11:30	2000#	3.5 bbl	3.5 total
12:30	1490	29.1	32.6
1:30	1240	10.9	43.5
2:30	1050	14.5	58.0
3:30	1050	14.4	72.4
4:30	1050		
5:30	580	7.2	86.9
6:30	560	10.7	97.6
7:30			79.7

Fracture Detail

Volume GAL	Fluid	Rate BPM	Pressure	Proppant	Cumulative
6,000	75% Q Foam	30 BPM	3497	Pad	
14,000	"	"	3767	1/2 ppg 100 mesh	7000#
14,000	"	"	3841	1 ppg 100 mesh	14000#
6,000	"	"	3909	1/2 ppg 20/40	3000#
8,000	"	"	3813	1 ppg 20/40	8000#
10,000	"	"	3740	1 1/2 ppg 20/40	15000#
14,000	"	"	3708	2 ppg 20/40	18000#
10,000	"	"	3667	2 1/2 ppg 20/40	25000#
5,000	"	"	3690	3 ppg 20/40	15000#
2,850	"	"	3392	Flush	

89,850 21,000# 100 mesh 94,000# 20/40

ISIP 3392 psig.
 5 min 3094 psig.
 10 min 2998 psig
 15 min 2943 psig

1-16-88 - Present operations: Flow testing. Flow tested well on 16/64" choke after frac. Recovered 93 Bbls for a total of 190.7 bbls.

DC: \$2156
 CC: \$180,044

San Arroyo Unit #36-A
 Sec. 19 T16S-R25E
 Grand County, Utah

1-17-88 - Present operations: Trip in hole w/ sand pump. Flow test. Well recovered 19 bbls. 209.7 total recovered since frac. Killed well w/ 28 bbls KCl water. Went in hole w/ sand pump. Tag sand at 4615. TOH 186'. Sand in tbg. SDFN.

DC: \$2393
 CC: \$182,437

1-18-88 - Present operations: TIH for plug. SICP 470#. Pump 40 bbls 3% KCl water to kill well. TIH w/ sand pump. TOOH. Had 6 jts tbg full of sand - approx 180 ft. Did not get plug. TIH, still could not get plug. TOOH. SDFN.

DC: \$1432
 CC: \$183,839

1-19-88 - Present operations: TIH w/ Sand pump to clean out lower perfs. CP 430. TIH w/ sand pump & fishing tools. Clean off 90 ft of sand. Latch onto plug. TIH w/ sand pump ret tool, clean 30 ft sand. Latch on plug. TOOH w/ plug. TIH w/ tbg and sand pump to 4300'. SDFN.

DC: \$2205
 CC: \$186,094

1-20-88 - TIH w/ sand pump. Tag sand at 4880'. Cleaned out to 5050'. TOH w/ tbg laying down. Change out wellhead. Start down hole w/ prod string. Run 40 jts. SDFN.

DC: \$1678
 CC: \$187,772

1-21-88 - Went on in hole w/ tbg. Run 140 jts. 4321.35 ft. Took off BOP's. Put on wellhead. Flange up. RU. Start swabbing. Kick well off on third run. Flow test. Swab 22 bbls. Flow 18 bbls at 5:00 pm. Left well on 20/64" choke to frac tank over night. Tbg 260#. Csg 330#. 20/64" choke. Made 20 bbls overnight. Total Rec in last 18 hrs = 60 bbls. Calculated rate 657 MCFD.

DC: \$4,395
 CC: \$192,167

San Arroyo Unit #36-A
Sec. 19 T16S-R25E
Grand County, Utah

1-22-88 - Rigged down & moved off. Left well flowing on 20/64" choke. Checked this am. 250# tbg press, 380# csg press. Recovered 24 bbls in last 24 hrs.

DC: \$1365
CC: \$189,137

1-23-88 - Has been flowing since rig moved off. Csg press 360#. Tbg press 270#. Made 4 bbls of water in 24 hrs on I.P. 20/64" choke. Est 690 MCFD. Total of 914 bbls of water left to recover.

1-24-88 - FTP 200 psig. 20/64" choke. SICP 360 psig. Flowed 35 bbl water in last 24 hrs. Calculated rate 511 MCFD.

1-25-88 - Flowing. 200# tbg pressure. 340# csg pressure. 20 bbls made last night. 20/64" choke. Calculated rate 511 MCFD.

1-26-88 - No report.

1-27-88 - Tbg pressure 240#. Csg press 350#. Made 2 1/4" overnight. Made 9 bbls 24/64" choke.

1-28-88 - TP 240, CP 350 Rate 12.37 bbls in 24 hrs.

1-29-88 - TP 200. CP 290. 13 bbls in 24 hrs.

1-30-88 - TP 220. CP 320. Made 8.3 bbls in 24 hrs.

1-31-88 - TP 250. CP 350. Made 8.3 Bbls.

2-1-88 - TP 200#. CP 300. 15.9 bbs/24 hrs.

2-2-88 - TP 200# CP 200#. Made 16 bbls in 24 hrs.

2-3-88 - 210 TP. 300 CP. Made 8 bbls.

2-4-88 - Shut in; no readings.

2-5-88 - No report. SI. WOPL connection.

No report until 2-13-88.

2-13-88 - No report.

2-14-88 - Shut in. SITP 780 psig. SICP 760 psig. Final Report. Installing production equipment.

San Arroyo Unit #36A

No report until 2-17-88.

2-17-88 - Put on line.

2-18-88 - Placed on production - FINAL REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instruction on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS **ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug a well to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		APR 18 1988		5. LEASE DESIGNATION AND SERIAL NO U-06188	
2. NAME OF OPERATOR Birch Corporation		DIVISION OF OIL, GAS & MINING		6. IF INDIAN, ALLOTTEE OR TRIBE NAME San Arroyo	
3. ADDRESS OF OPERATOR 3801 East Florida Ave Suite #900 Denver CO 80210				7. UNIT AGREEMENT NAME San Arroyo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 870 FEL 1305 FSL				8. FARM OR LEASE NAME San Arroyo	
				9. WELL NO. Unit #36-A	
				10. FIELD AND POOL, OR WILDCAT San Arroyo	
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19, T16S R26E	
14. PERMIT NO. 43-019-31251		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5955 GL, 5965 KB		12. COUNTY OR PARISH Grand	
				13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This well was completed as per attached report. Work began on 12-29-87 and was completed on 1-22-88. Results: 511 mcfd at 200 psig tubing and 340 psig casing pressure.

18. I hereby certify that the foregoing is true and correct

SIGNED Tommy Amis TITLE Operations Manager DATE 4/13/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Graham Royalty, Ltd.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1675 Larimer Street, Suite 400, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
16. DIVISION OF OIL, GAS & MINING		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
17. COUNTY OR PARISH		18. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Change of Operator	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective April 1, 1989 Graham Royalty, Ltd. took over as operator from Birch Corporation on various wells in the San Arroyo Field.

The attached Exhibit shows a list of wells and their location.

18. I hereby certify that the foregoing is true and correct

SIGNED William L. Dover TITLE Vice President DATE April 25, 1989
 (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

San Arroyo	1	Entrada Unit	SE NW Sec. 26-16S-25E	Grand Co., UT
San Arroyo	2	Entrada Unit	SE NW Sec. 22-16S-25E	Grand Co., UT
San Arroyo	3	Entrada Unit	SE NW Sec. 23-16S-25E	Grand Co., UT
San Arroyo	5	Entrada Unit	NW SE Sec. 25-16S-25E	Grand Co., UT
San Arroyo	6	Entrada Unit	SW NE Sec. 21-16S-25E	Grand Co., UT
San Arroyo	40	Entrada Unit	NW NE Sec. 27-16S-25E	Grand Co., UT

San Arroyo	4	Dakota Unit	SE SW Sec. 30-16S-26E	Grand Co., UT
San Arroyo	8	Dakota Unit	SW SW Sec. 16-16S-25E	Grand Co., UT
San Arroyo	9	Dakota Unit	NW NE Sec. 27-16S-25E	Grand Co., UT
San Arroyo	11	Dakota Unit	NE SW Sec. 15-16S-25E	Grand Co., UT
San Arroyo	12	Dakota Unit	SW SW Sec. 23-16S-25E	Grand Co., UT
San Arroyo	13	Dakota Unit	NE SW Sec. 22-16S-25E	Grand Co., UT
San Arroyo	16	Dakota Unit	SE SW Sec. 26-16S-25E	Grand Co., UT
San Arroyo	17	Dakota Unit	NE NE Sec. 24-16S-25E	Grand Co., UT
San Arroyo	18	Dakota Unit	NW NW Sec. 30-16S-26E	Grand Co., UT
San Arroyo	19	Dakota Unit	SW SE Sec. 14-16S-25E	Grand Co., UT
San Arroyo	20	Dakota Unit	SE NE Sec. 26-16S-25E	Grand Co., UT
San Arroyo	21	Dakota Unit	NW SE Sec. 25-16S-25E	Grand Co., UT
San Arroyo	22	Dakota Unit	NE NE Sec. 15-16S-25E	Grand Co., UT
San Arroyo	24	Dakota Unit	SE NW Sec. 19-16S-25E	Grand Co., UT
San Arroyo	25	Dakota Unit	SW NE Sec. 21-16S-25E	Grand Co., UT
San Arroyo	26	Dakota Unit	SW SW Sec. 20-16S-26E	Grand Co., UT
San Arroyo	27	Dakota Unit	NE SW Sec. 29-16S-26E	Grand Co., UT
San Arroyo	28	Dakota Unit	NW NE Sec. 29-16S-26E	Grand Co., UT
San Arroyo	29	Dakota Unit	NE NE Sec. 22-16S-26E	Grand Co., UT
San Arroyo	30	Dakota Unit	NW SW Sec. 21-16S-26E	Grand Co., UT
San Arroyo	31	Dakota Unit	NW NW Sec. 22-16S-25E	Grand Co., UT
San Arroyo	32	Dakota Unit	SW SW Sec. 14-16S-25E	Grand Co., UT
San Arroyo	33	Dakota Unit	SW SW Sec. 25-16S-25E	Grand Co., UT
San Arroyo	35	Dakota Unit	SE SW Sec. 24-16S-25E	Grand Co., UT
San Arroyo	36A	Dakota Unit	SE SE Sec. 19-16S-26E	Grand Co., UT
San Arroyo	37	Dakota Unit	SW NE Sec. 20-16S-26E	Grand Co., UT
San Arroyo	38	Dakota Unit	SW NE Sec. 16-16S-25E	Grand Co., UT

Arco Fed. 27-1	NW SW Sec. 27-16S-25E	Grand Co., UT
Arco State 2-1	NW SW Sec. 2-16S-24E	Grand Co., UT
Arco State 2-2	NW SW Sec. 2-16S-24E	Grand Co., UT
Arco State 36-7	NW SW Sec. 36-15S-24E	Grand Co., UT
Arco State 36-8	NW SW Sec. 36-15S-24E	Grand Co., UT
Federal 174-1	SE SW Sec. 11-16S-25E	Grand Co., UT
Bittercreek #1	SE SW Sec. 2-16S-25E	Grand Co., UT
Black Horse 31-1	SE SW Sec. 31-15S-24E	Grand Co., UT
Fed. Gilbert #1	SE SW Sec. 31-15S-24E	Grand Co., UT

per Jackie Cannon from Buch, Graham Royalty does not own
 this well. 15 5/15/89



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

an equal opportunity employer

Page 2 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GRAHAM ROYALTY, LTD.
1675 LARIMER STREET
DENVER CO 80202
ATTN: CINDI ROBBINS

Utah Account No. N0505

Report Period (Month/Year) 5 / 89

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
SAN ARROYO 22			DKTA				
4301915902 00500 16S 25E 15			DKTA				
SAN ARROYO #24			DK-CM				
4301915903 00500 16S 26E 19			DK-CM				
SAN ARROYO 25			DKTA				
4301915904 00500 16S 25E 21			DKTA				
SAN ARROYO #26			DK-MR				
4301915905 00500 16S 26E 20			DK-MR				
SAN ARROYO 27			DKTA				
4301915906 00500 16S 26E 29			DKTA				
SAN ARROYO 28			DKTA				
4301915907 00500 16S 26E 29			DKTA				
SAN ARROYO 29			DKTA				
4301915908 00500 16S 25E 22			DKTA				
SAN ARROYO #30			DKTA				
4301915909 00500 16S 26E 21			DKTA				
SAN ARROYO 31			DKTA				
4301930527 00500 16S 25E 22			DKTA				
SAN ARROYO 32			DKTA				
4301930528 00500 16S 25E 14			DKTA				
ARCO 27-1			DKTA				
4301930570 00500 16S 25E 27			DKTA				
SAN ARROYO 33			DKTA				
4301930608 00500 16S 25E 25			DKTA				
SAN ARROYO UNIT #36-A			DK-MR				
4301931251 00500 16S 26E 19			DK-MR				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

June 6, 1989

RECEIVED
JUN 08 1989

DIVISION OF
OIL, GAS & MINING

State of Utah
Natural Resources
Oil & Gas Program
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turnaround document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins
C. C. Robbins
Reg. Affairs Supervisor

CCR/ng

STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 12 1990DIVISION OF
OIL, GAS & MININGDESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or other extraction plant operator or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah, hereby appoint

Northstar Gas Company, Inc.256 E. North Sam Houston Parkway, Suite 250(Address)Houston, Texas 77060

(his, her or its) designated agent to accept and to be served with notices from the Board and Division Director or Authorized Agent in accordance with the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with the statute and/or rules.

Effective Date of Designation March 1, 1990Company Graham Royalty, Ltd.Phone (303) 629-1736Address 1675 Larimer Street, Suite 400Denver, Colorado 80202

By

Wilbur L. Dover
(Signature)

Wilbur L. Dover

Title Vice President/Division Manager

NORTHSTAR GAS COMPANY

256 E. North Sam Houston Parkway, Suite 250, Houston, Texas 77060
(713) 820-6886

RECEIVED
APR 09 1990
FAX: (713) 820-6885

April 5, 1990

Utah Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

To Whom It May Concern:

Northstar Gas Company is the new operating agent for Graham Royalty, Ltd. Please make any corrections necessary so we may receive our correspondence from your agency. The new information is as follows:

Northstar Gas Company
256 E. North Sam Houston Parkway, Suite 250
Houston, Texas 77060
713-820-6886

Thank you.

Sincerely,

Paul A. Bernard, Jr. / LR
Paul A. Bernard, Jr.
Controller

NORTHSTAR GAS COMPANY

PAB/lr
Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC
GRAHAM ROYALTY LTD
15000 NW FREEWAY STE 203
HOUSTON TX 77040UTAH ACCOUNT NUMBER: N0505REPORT PERIOD (MONTH/YEAR): 6 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22								
✓ 4301915902	00500	16S 25E 15	DKTA	-U-05011-A				
SAN ARROYO #24								
✓ 4301915903	00500	16S 26E 19	DK-CM	-U-06188				
SAN ARROYO 25								
✓ 4301915904	00500	16S 25E 21	DKTA	-U-025244				
SAN ARROYO #26								
✓ 4301915905	00500	16S 26E 20	DK-MR	-U-025291				
SAN ARROYO 27								
✓ 4301915906	00500	16S 26E 29	DKTA	-U-06021				
SAN ARROYO 28								
✓ 4301915907	00500	16S 26E 29	DKTA	-U-05650				
SAN ARROYO 29								
✓ 4301915908	00500	16S 25E 22	DKTA	-U-0370-A				
SAN ARROYO #30								
✓ 4301915909	00500	16S 26E 21	DKTA	-U-05650				
SAN ARROYO 31								
✓ 4301930527	00500	16S 25E 22	DKTA	-U-0370-A				
SAN ARROYO 32								
✓ 4301930528	00500	16S 25E 14	DKTA	-U-05011B				
ARCO 27-1								
✓ 4301930570	00500	16S 25E 27	DKTA	-U-29645		- NON UNIT WELL	Bbl/mo 6	NAPRU #1-10-94
SAN ARROYO 33								
✓ 4301930608	00500	16S 25E 25	DKTA	-U-0369				
SAN ARROYO UNIT #36-A								
✓ 4301931250	00500	16S 26E 19	DK-MR	-U-06188				
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

RECEIVED

JUL 16 1993

DIVISION OF
OIL, GAS & MINING

July 14, 1993

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Ms. Lisha Cordova

Dear Ms. Cordova,

Effective August 1, 1993 we would like to change our operator name from Graham Royalty, Ltd. to Graham Energy, Ltd. Per our conversation this date it should be a simple change as no bond changes are required.

Attached is a list of the wells affected. Thank you.

Sincerely,


Cynthia C. Robbins
Regulatory Affairs Supervisor

CC: Ken McKinney

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____

☐ Suspense
(Return Date) _____
(To - Initials) _____

☒ Other
Operator Change

(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

1. Date of Phone Call: 7-19-93 : Time: 3:00

2. DOGM Employee (name) L. Cordova (Initiated Call ☒)
Talked to:

Name Cynthia Robbins (Initiated Call ☐) - Phone No. (303) 629-1736
of (Company/Organization) Graham

3. Topic of Conversation: Confirm address for Graham Energy LTD.

4. Highlights of Conversation: _____

Agent "Northstar Gas Co. Inc." is to remain the same as is Houston
mailing address. Change address for Graham Energy LTD from
LA to TX. (updated 7-22-93)

* 931116 - Linda Goldsby "Graham" referred to Btm /S.Y.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
Operator Change(Location) Sec _____ Twp _____ Rng _____
(API No.) _____1. Date of Phone Call: 12-9-93 Time: 3:002. DOGM Employee (name) J. Cordova (Initiated Call ☒
Talked to:Name Ken McKinney (Initiated Call ☐ - Phone No. (504) 893-8391
of (Company/Organization) Graham Royalty / Graham Energy3. Topic of Conversation: Oper. nm. chg. "Graham Royalty to Graham Energy"

4. Highlights of Conversation:

Add'l info. required by Btels. L. "San Arroyo Unit", also Graham
Energy has sold the wells to Northstar Gas Co. Inc. Documentation
will follow.* Northstar Gas Co. Inc. / Paul Bernard (713) 937-4314
Mailing Documentation ASAP.

S. E. U. T. CO.

Accommodation Recording
Not Examined

**ASSIGNMENT, BILL OF SALE
AND CONVEYANCE**

Entry No. **429639**
Recorded 10-22-93 2 36 PM
Bk. 457 Pg. 83 Fee 80.00
96
Melane Masher
Recorder of Grand County

This Assignment, Bill of Sale and Conveyance ("Assignment"), is from each of Prudential-Bache Energy Growth Fund, L.P. G-1 and Prudential-Bache Energy Growth Fund, L.P. G-2, each a Delaware limited partnership and acting herein through their general partner, Graham Energy, Ltd. (collectively, "Assignor"), to Northstar Gas Company, Inc. ("Assignee"). Assignor has an address of 109 Northpark Boulevard, Covington, Louisiana 70433, and Assignee has an address of 15000 Northwest Freeway, Suite 203, Houston, Texas 77040.

For, and in consideration of Ten Dollars (\$10.00) cash and other good and valuable consideration in hand paid, the receipt and adequacy of which are hereby acknowledged, each Assignor does hereby, severally, and not jointly, Bargain, Sell, Transfer, Set Over, Grant, Assign, Convey and Deliver unto Assignee, all of such Assignor's right, title, interest and estate in and to the oil and gas properties described on Exhibit "A" (the "Oil and Gas Properties"). The Oil and Gas Properties shall include all mineral interests, working interests, overriding interests, reversionary interests, net profits interests, net revenue interests and any other interest of any kind without warranty of title either express or implied, to the extent they are owned and may be conveyed by Sellers.

The Oil and Gas Properties shall include, to the extent each Assignor may lawfully assign same, all of such Assignor's rights, title, interest and estate in and to the property and rights incident, and to the extent attributable, to the Oil and Gas Properties, the lands covered thereby or utilized therewith, including, without limitation, (i) all presently existing pooling or unitization agreements and the units created thereby, and all units formed by virtue of orders issued by applicable State regulatory agencies, (ii) all presently existing operating agreements and all other contracts, agreements and records, (iii) all personal property, easements, permits, surface leases, servitudes and rights-of-way situated upon or used in connection with the production, treating, storing or transportation of oil, gas or other hydrocarbons or minerals.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Assignee and its successors and assigns forever.

NOTWITHSTANDING ANY PROVISION IN THIS ASSIGNMENT OR ANY DOCUMENT DELIVERED IN CONNECTION HERewith TO THE CONTRARY, THE OIL AND GAS PROPERTIES AND ANY OTHER PROPERTY OR RIGHTS CONVEYED HEREUNDER ARE CONVEYED "AS IS," "WHERE IS," "WITH ALL FAULTS," AND IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING WARRANTY OF TITLE OR ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OR AS TO ANY CLAIM BY ASSIGNEE FOR DAMAGES BECAUSE OF DEFECTS, WHETHER KNOWN OR UNKNOWN, OR ANY OTHER SORT OF WARRANTY. ASSIGNEE HAS INSPECTED, OR HAS HAD THE OPPORTUNITY TO INSPECT, THE OIL AND

GAS PROPERTIES AND PREMISES FOR ALL PURPOSES, INCLUDING WITHOUT LIMITATION FOR THE PURPOSE OF DETERMINING THE PRESENCE OF ENVIRONMENTAL CONDITIONS, OF DETECTING THE PRESENCE OF NATURALLY OCCURRING RADIOACTIVE MATERIAL "(NORM)" AND MAN-MADE MATERIAL FIBERS "(MMMF)" AND HAS SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITIONS, BOTH SURFACE AND SUBSURFACE. ASSIGNEE ACCEPTS ALL OF THE SAME IN THEIR "AS IS," "WHERE IS," CONDITION, AND EACH ASSIGNOR EXPRESSLY DISCLAIMS ANY LIABILITY ARISING IN CONNECTION WITH ANY PRESENCE OR ENVIRONMENTAL CONDITIONS, NORM OR MMMF ON THE OIL AND GAS PROPERTIES.

From and after the Effective Time, Assignee hereby agrees to assume, be bound by and subject to each Assignor's express and implied covenants, rights, obligations and liabilities with respect to the Oil and Gas Properties, and Assignee's interest in the Oil and Gas Properties shall bear its proportionate share of royalty interests, overriding royalty interests and other payments out of or measured by production from and after the Effective Time.

This Assignment is made expressly subject to all existing overriding royalties or other burdens affecting the Oil and Gas Properties as listed on Exhibit "A."

Assignee and its permitted successors and assigns shall preserve and maintain all lease, contract and title files, well logs, well files, division orders and related files, title documentation, correspondence and other data and records in the possession of Assignor pertaining to the Oil and Gas Properties (the "Records") for a period of two (2) years from the date of acknowledgement of this Assignment, during such period shall afford Assignor and its duly authorized representatives access at all reasonable times during normal business hours to all Records as Assignor shall request in order to defend against, oppose or otherwise investigate any claims or potential claims against Assignor arising as a result of any acts, events or operations prior to the date of acknowledgement of this Assignment or as a result of this Assignment, and shall make any conveyance or transfer of the Oil and Gas Properties specifically subject to the obligations of this paragraph.

Notwithstanding any other provision herein to the contrary, this Assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made to Assignors in respect of the Oil and Gas Properties or any part thereof.

The provisions hereof shall be covenants running with the land and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

In the event two or more Oil and Gas Properties cover the same land (e.g., an oil and gas leasehold interest included within the Oil and Gas Properties may cover the same land as a mineral, royalty or overriding interest included within the Oil and Gas Properties), no merger of title shall occur, and each of the Oil and Gas Properties covering the same land is conveyed and shall be owned by Assignee as a separate and distinct property.

Separate assignments of certain of the Oil and Gas Properties may be executed on officially approved forms by Assignor to Assignee in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Those assignments shall be deemed to contain all of the exceptions, reservations, rights, titles, power and privileges set forth herein as fully as though they were set forth in each such assignment. The interests conveyed by such separate assignments are the same, and not in addition to, the Oil and Gas Properties conveyed herein.

The parties agree to take all such further actions and execute, acknowledge and deliver all such further documents that are necessary or useful in carrying out the purposes of this Assignment. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders and other documents and to do all such other and further acts and things as may be necessary to more fully and effectively grant, convey and assign to Assignee the Oil and Gas Properties conveyed hereby or intended so to be.

This Assignment may be executed in any number of counterparts, and each counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one assignment.

References in this Assignment and in Exhibit "A," to contracts, agreements or instruments shall not be deemed to create any rights in favor of any third party.

Assignee joins in the execution hereof for the purpose of being bound by all the terms, provisions, obligations and covenants herein specified.

IN WITNESS WHEREOF, this instrument is signed and executed in multiple counterparts as of the date (s) set forth on the acknowledgements hereto, but, shall be effective for all purposes as of 7:00 o'clock A.M., local time, September 1, 1993 (the "Effective Time").

ASSIGNORS:

PRUDENTIAL-BACHE ENERGY
GROWTH FUND, L.P. G-1

ATTEST:

By: 

By: Graham Energy, Ltd.,
as General Partner

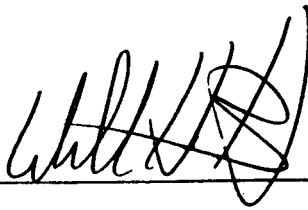
By: 

Kenneth M. McKinney
Vice President

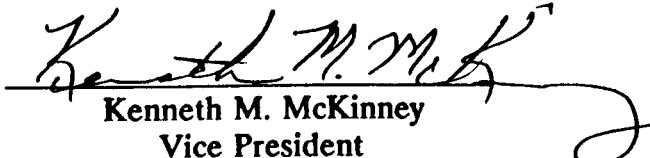
[SEAL]

**PRUDENTIAL-BACHE ENERGY
GROWTH FUND, L.P. G-2**

ATTEST:

By: 

By: **Graham Energy, Ltd., as
General Partner**

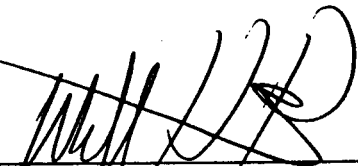
By: 
**Kenneth M. McKinney
Vice President**

[SEAL]

**WITNESSES TO ASSIGNORS'
SIGNATURES:**

Mina E. Merc
Belinda J. Hunt

ATTEST:

By: 

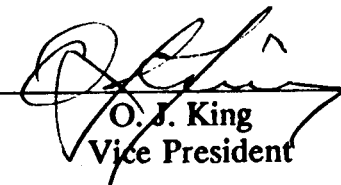
[SEAL]

**WITNESSES TO ASSIGNEE'S
SIGNATURE:**

Mina E. Merc
Belinda J. Hunt

ASSIGNEE:

NORTHSTAR GAS COMPANY, INC.

By: 
**O. J. King
Vice President**

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-1, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-1.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

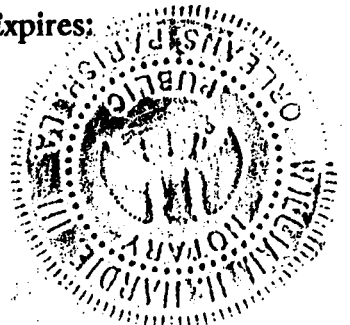


NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

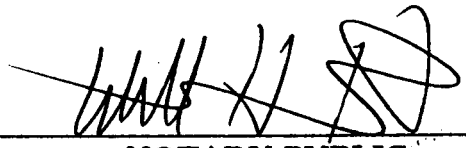


STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-2, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-2.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.



NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]



STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared O. J. King, who acknowledged that he is the Vice President of Northstar Gas Company, Inc., a Texas corporation, and that as Vice President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.



NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

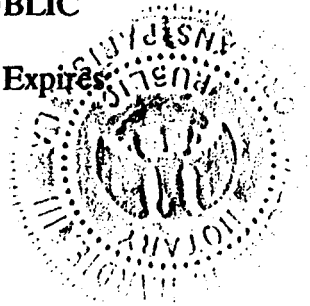


EXHIBIT "A"
ATTACHED TO ASSIGNMENT,
BILL OF SALE AND CONVEYANCE
PART I
LANDS AND LEASES
ALL IN GRAND COUNTY, UTAH UNLESS OTHERWISE SPECIFIED

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
ML-22208 (1038)	State of Utah	Atlantic Richfield Company	T15 1/2S, R24E, S1M Sec. 36: All T16S, R24E, S1M Sec. 2: All	220	177	9-28-64	ARCO State 2-1, 2-2, 36-7, 36-8
U-29645 (1174)	U.S.A.	Atlantic Richfield Company	T16S, R25E, S1M Sec. 27: SW/4, S/2 SE/4 Sec. 34: NE/4, NE/4 NW/4, NE/4 SE/4			5-1-75	ARCO 27-1 Valentine Fed #2 ARCO Fed D-1
ML-25151 (191-1)	State of Utah	Sinclair Oil & Gas Company	T16S, R25E, S1M Section 2: All	163	390	3-7-68	Bittercreek #1
J-0126528 (174-1)	U.S.A.	James F. Gilbert	T16S, R25E, S1M Sec. 11: N/2, N/2 SW/4, SE/4 SW/4, SE/4 Sec. 12: S/2			12-1-63	Federal Gilbert #1 Federal 174-1 ARCO Fed H-1
U-0141420 (180-1)	U.S.A.	Sinclair Oil Company	T16S, R25E, S1M Sec. 11: SW/4 SW/4			8-1-64	Federal 174-1
ML-4113 (44-1)	State of Utah	Lois A. Aubrey	T16S, R25E, S1M Sec. 16: All	6-Q	207	1-2-52	San Arroyo Unit Area
U-05011-A (45-2)	U.S.A.	Pierce T. Norton	T16S, R25E, S1M Sec. 14: NW/4, SE/4 SE/4, N/2 SE/4, NE/4 SW/4 Sec. 15: NE/4			9-1-51 *4-1-55	Tenneco Fed 14-2 San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"

PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-0369 (46-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 23: N/2 Sec. 24: W/2, SE/4, S/2 NE/4 Sec. 25: All Sec. 26: N/2 S/2, SE/4 SW/4, S/2 SE/4			2-1-51	San Arroyo Unit Area
SL-071307 (47-1)	U.S.A.	James E. Croudace	T16S, R25E, SLM Sec. 23: S/2 Sec. 26: N/2			12-1-50	San Arroyo Unit Area
U-0370-A (48-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 21: E/2 NE/4, NE/4 SE/4 Sec. 22: All Sec. 27: NE/4, NE/4 NW/4, NE/4 SE/4			2-1-51 *6-1-55	San Arroyo Unit Area
U-05059-A (49-2)	U.S.A.	L. J. Batchelor	T16S, R25E, SLM Sec. 15: NW/4 SW/4, E/2 NW/4, SW/4 NW/4			10-1-51 *9-19-61	San Arroyo Unit Area
U-06021 (51-1)	U.S.A.	Fred A. Moore	T16S, R26E, SLM Sec. 29: S/2, S/2 NW/4, NW/4 NW/4			2-1-52	San Arroyo Unit Area
U-06023 (52-1)	U.S.A.	Adiel E. Stewart	T16S, R26E, SLM Sec. 30: All Sec. 31: N/2 N/2			2-1-52	San Arroyo Unit Area
U-06188 (53-1)	U.S.A.	C. M. Rood	T16S, R26E, SLM Sec. 19: SW/4, S/2 NW/4, W/2 SE/4, SE/4 SE/4			*3-1-52	San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"
PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-05011-B (56-1)	U.S.A.	Pierce T. Norton	T16S, R25E, S1M Sec. 14: SW/4 SE/4, W/2 SW/4, SE/4 SW/4 Sec. 15: SE/4			9-1-51 *2-1-57	San Arroyo Unit Area
U-05059-C (57-1)	U.S.A.	L. J. Batchelor	T16S, R25E, S1M Sec. 15: E/2 SW/4, SW/4 SW/4			*3-1-57	San Arroyo Unit Area
U-025243 (60-1)	U.S.A.	Clair D. Jones	T16S, R25E, S1M Sec. 24: W/2 NE/4			*8-27-57	San Arroyo Unit Area
U-025245 (61-1)	U.S.A.	Fred A. Moore	T16S, R26E, S1M Sec. 29: NE/4 NW/4			2-1-52 *9-1-57	San Arroyo Unit Area
U-025297 (64-2)	U.S.A.	C. M. Rood	T16S, R26E, S1M Sec. 19: W/2 W/2 S/2 NE/4, NE/4 SE/4 Sec. 20: W/2			3-1-52	San Arroyo Unit Area
U-06188-B (74-1)	U.S.A.	Sinclair Oil Corporation	T16S, R25E, S1M Sec. 35: W/2			3-1-52	San Arroyo Unit Area
U-05059-F (134-1)	U.S.A.	L. J. Batchelor	T16S, R25E, S1M Sec. 15: NW/4 NW/4			10-1-51 *9-19-61	San Arroyo Unit Area
U-025243-A (139-1)	U.S.A.	Clair D. Jones	T16S, R25E, S1M Sec. 26: SW/4 SW/4			2-1-51 *1-1-61	San Arroyo Unit Area
U-05650 (176-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, S1M Sec. 21: Lots 2, 3, 4, W/2 W/2 Sec. 20: E/2 Sec. 28: Lots 1, 2, 3, 4 W/2 W/2 Sec. 29: NE/4			12-1-51	San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"
PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-0136529 (4000-1)	U.S.A.	Clair D. Jones	T16S, R25E, S1M Sec. 21: W/2 NE/4, E/2 NW/4, W/2 SE/4, SE/4 SE/4, NE/4 SW/4, Sec. 27: W/2 NW/4, SE/4 NW/4, NW/4 SE/4 Sec. 28: NE/4 NE/4			2-1-51 *1-22-64	San Arroyo Unit Area
U-05650-A (177-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, S1M Sec. 21: Lot 1			12-1-51 *10-1-61	San Arroyo Unit Area
U-9831 (949)	U.S.A.	Williams H. Short, Jr. and Franklin Knobel	T16S, R25E, S1M INsofar AND ONLY INsofar as said lease covers: Sec. 6: All			10-10-69	ARCO Fed B-1
U-14234	U.S.A.	Arthur E. Meinhart	T15S, R24E, S1M Sec. 30: All Sec. 31: All Uintah Co., UT			4-1-71	Black Horse Canyon Federal 31-1

Lease Segregated Effective

EXHIBIT A
Attached to Assignment,
Bill of Sale and Conveyance

Part II

[OMITTED]

EXHIBIT A
ATTACHED TO ASSIGNMENT, BILL OF SALE AND CONVEYANCE
PART III
CONTRACTS AND AGREEMENTS

**PROPERTY
REFERENCE**

- | | |
|--|--|
| San Arroyo
Unit Area | 1. Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956. |
| San Arroyo
Unit Area | 2. Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961. |
| Valentine
Fed. #2 | 3. Communitization Agreement covering the W $\frac{1}{2}$ of Section 34, T16S-R25E. |
| ARCO
Fed. D-1 | 4. Communitization Agreement covering the E $\frac{1}{2}$ of Section 34, T16S-R25E. |
| Fed. 174-1 | 5. Communitization Agreement, dated March 3, 1965 covering the W $\frac{1}{2}$ Section 11, T16S-R25E. |
| Tenneco
Fed. 14-2 | 6. Communitization Agreement dated January 1, 1980, covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| Tenneco
Fed. 14-2 | 7. Operating Agreement dated June 5, 1980, designating Tenneco Oil Company as Operator and covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| ARCO
Fed. H-1
Fed. D-1 | 8. Farmout Agreement and Operating Agreement dated August 16, 1982, between ARCO Oil & Gas Company and TXO Production Corp., covering the S $\frac{1}{2}$ Section 12, T16S-R25E. |
| San Arroyo
Unit Area | 9. Farmout Agreement dated June 6, 1955 by and between H. W. Dougherty and Sinclair Oil and Gas Company, covering lands in sections 21, 22, 23, 24, 25, 26 and 27, T16S-R25E. |
| ARCO
Fed. B-1,
Fed. C-1;
Valentine
Fed. #2 | 10. Farmout Agreement and Operating Agreement between ARCO Oil and Gas Company and Texas Oil and Gas Corp., dated September 30, 1979, covering all of Sections 6 and 34 and the N $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{2}$ NE $\frac{1}{4}$ and S $\frac{1}{2}$ N $\frac{1}{2}$ of Section 35, T16S-R25E. |

EXHIBIT "A"
 ATTACHED TO AND MADE A PART OF THE
 ASSIGNMENT, BILL OF SALE AND CONVEYANCE
 PART IV
 INTEREST IN PROPERTIES AND WELLS

PAGE 1

PROPERTY NAME	COUNTY	STATE	OPERATOR	WORKING INTEREST DECIMAL	NET REVENUE INTEREST DECIMAL	OVERRIDING ROYALTY INTEREST DECIMAL
ARCO STATE #2-1	GRAND	UTAH	URI	1.00000000	0.87500000	
ARCO STATE #2-2	GRAND	UTAH	URI	1.00000000	0.87500000	
ARCO STATE #36-7	GRAND	UTAH	URI	1.00000000	0.87500000	
ARCO STATE #36-8	GRAND	UTAH	URI	1.00000000	0.87500000	
ARCO STATE #27-1	GRAND	UTAH	URI	1.00000000	0.87500000	
VALENTINE FED. #2	GRAND	UTAH	LONE MIN.	0.04375000	0.03828120	
FEDERAL 174 #1	GRAND	UTAH	URI	1.00000000	0.84875000	
BITTERCREEK #1	GRAND	UTAH	URI	1.00000000	0.87500000	
ARCO FEDERAL #B-1	GRAND	UTAH	LONE MIN.	0.00000000	0.00000000	0.12500000
ARCO FEDERAL #C-1	GRAND	UTAH	LONE MIN.	0.50000000	0.42000000	
ARCO FEDERAL #D-1	GRAND	UTAH	LONE MIN.	0.21875000	0.19140620	
ARCO FEDERAL #H-1	GRAND	UTAH	LONE MIN.	0.00000000	0.00000000	0.06250000
TENNECO FED. #14-2	GRAND	UTAH	LONE MIN.	0.50000000	0.41250000	
GILBERT FEDERAL #1	GRAND	UTAH	URI	1.00000000	0.84500000	

SAN ARROYO UNIT AREA
 ENTRADA PARTICIPATING AREA

SAN ARROYO #1	GRAND	UTAH	URI	1.00000000	0.82500000
SAN ARROYO #2	GRAND	UTAH	URI	1.00000000	0.82500000
SAN ARROYO #3	GRAND	UTAH	URI	1.00000000	0.82500000
SAN ARROYO #5	GRAND	UTAH	URI	1.00000000	0.82500000
SAN ARROYO #6	GRAND	UTAH	URI	1.00000000	0.82500000
SAN ARROYO #40U	GRAND	UTAH	URI	1.00000000	0.82500000
SAN ARROYO #40L	GRAND	UTAH	URI	1.00000000	0.82500000

San Arroyo Wells ARE SUBJECT TO A NET PROFITS INTEREST CREATED BY AND SUBJECT TO THAT CERTAIN FARMOUT AGREEMENT DATED JUNE 6, 1955.

RECEIVED

DEC 30 1993

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Branch of Fluid Minerals (UT-922)
P.O. Box 45155
Salt Lake City, Utah 84145-0155

December 29, 1993

Graham Energy, Ltd.
P.O. Box 3134
Covington, Louisiana 70434-3134

RE: San Arroyo Unit
Grand County, Utah

Gentlemen:

On December 27, 1993, we received an indenture whereby Graham Royalty, Ltd. resigned as Unit Operator and Graham Energy, Ltd. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective December 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 1845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891003859A SAN ARROYO DK MO									
891003859A	✓430191589200S1	11	NESW	15	16S	25E	PGW	UTU05059C	GRAHAM ROYALTY LIMITED
891003859A	✓430191589300S1	12	SWSW	23	16S	25E	PGW	UTSL071307	GRAHAM ROYALTY LIMITED
891003859A	✓430191589400S1	13	NESW	22	16S	25E	GS1	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430191589500X1	14	SWNE	16	16S	25E	ABB	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430191109100S1	15	NESW	21	16S	25E	TA	UTU0136529	GRAHAM ROYALTY LIMITED
891003859A	✓430191589600S1	16	SESW	26	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430191589700S1	17	NENE	24	16S	25E	PGW	UTU025243	GRAHAM ROYALTY LIMITED
891003859A	✓430191589800S1	18	NWNW	30	16S	26E	GS1	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430191589900S1	19	SWSE	14	16S	25E	PGW	UTU05011B	GRAHAM ROYALTY LIMITED
891003859A	✓430191590000S1	20	SENE	26	16S	25E	PGW	UTSL071307	GRAHAM ROYALTY LIMITED
891003859A	✓430191590100S1	21	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430191590200S1	22	NENE	15	16S	25E	PGW	UTU05011A	GRAHAM ROYALTY LIMITED
891003859A	✓430191590300S1	24	SENE	19	16S	26E	PGW	UTU06188	GRAHAM ROYALTY LIMITED
891003859A	✓430191590400S1	25	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ROYALTY LIMITED
891003859A	✓430191590500S1	26	SWSW	20	16S	26E	PGW	UTU025297	GRAHAM ROYALTY LIMITED
891003859A	✓430191590600S1	27	NESW	29	16S	26E	PGW	UTU06021	GRAHAM ROYALTY LIMITED
891003859A	✓430191590700S1	28	NWNE	29	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430191590800S1	29	NENE	22	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430191590900S1	30	NWSW	21	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430193052700S1	31	NWNW	22	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430193052800S1	32	SWSW	14	16S	25E	PGW	UTU05011B	GRAHAM ROYALTY LIMITED
891003859A	✓430193060800S1	33	SWSW	25	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430191109000S1	35	SESW	24	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430193125100S1	36-A	SESE	19	16S	26E	PGW	UTU06188	GRAHAM ROYALTY LIMITED
891003859A	✓430193125200S1	37	SWNE	20	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430193125300S1	38	NESW	16	16S	25E	PGW	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430191588700S1	4	SESW	30	16S	26E	PGW	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193128900S1	41	NENE	36	16S	25E	PGW	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430193129000S1	42	NESE	30	16S	26E	PGW	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193129100S1	43	NESE	29	16S	26E	PGW	UTU06021	GRAHAM ROYALTY LIMITED
891003859A	✓430193130100S1	44	SENE	30	16S	26E	PGW	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193129900S1	45	NWSE	20	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430193131800S1	47	NENE	31	16S	26E	PGW	U06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193131600S1	49	NENW	29	16S	26E	PGW	UTU025245	GRAHAM ROYALTY LIMITED
891003859A	✓430191589000S1	8	SWSW	16	16S	25E	PGW	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430191589100S1	9	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
** INSPECTION ITEM 891003859B SAN ARROYO EN									
891003859B	✓430191653200S1	1	SENE	26	16S	25E	PGW	UTSL071307	GRAHAM ROYALTY LIMITED
891003859B	✓430191588500S1	2	SENE	22	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859B	✓430191588600S1	3	SENE	23	16S	25E	GS1	UTU0369	GRAHAM ROYALTY LIMITED
891003859B	✓430193125000S1	40	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859B	✓430191588800S1	5	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859B	✓430191588900S1	6	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ROYALTY LIMITED

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 4

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC
 GRAHAM ENERGY LTD
 15000 NW FREEWAY STE 203
 HOUSTON TX 77040

UTAH ACCOUNT NUMBER: N7590REPORT PERIOD (MONTH/YEAR): 12 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22								
✓ 4301915902	00500	16S 25E 15	DKTA					
SAN ARROYO #24								
✓ 4301915903	00500	16S 26E 19	DK-CM					
SAN ARROYO 25								
✓ 4301915904	00500	16S 25E 21	DKTA					
SAN ARROYO #26								
✓ 4301915905	00500	16S 26E 20	DK-MR					
SAN ARROYO 27								
✓ 4301915906	00500	16S 26E 29	DKTA					
SAN ARROYO 28								
✓ 4301915907	00500	16S 26E 29	DKTA					
SAN ARROYO 29								
✓ 4301915908	00500	16S 25E 22	DKTA					
SAN ARROYO #30								
✓ 4301915909	00500	16S 26E 21	DKTA					
SAN ARROYO 31								
✓ 4301930527	00500	16S 25E 22	DKTA					
SAN ARROYO 32								
✓ 4301930528	00500	16S 25E 14	DKTA					
SAN ARROYO 33								
✓ 4301930608	00500	16S 25E 25	DKTA					
SAN ARROYO UNIT #36-A								
✓ 4301931251	00500	16S 26E 19	DK-MR					
SAN ARROYO UNIT #37								
✓ 4301931252	00500	16S 26E 20	DK-MR					
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-SJ
2-DTS	8-FILE
3-VLC	
4-RJF	
5-PLC	
6-PL	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-93)

TO (new operator) GRAHAM ENERGY LTD
 (address) C/O NORTHSTAR GAS CO INC
15000 NW FREEWAY STE 203
HOUSTON, TX 77040
 phone (713) 937-4314
 account no. N 7590

FROM (former operator) GRAHAM ROYALTY LTD
 (address) C/O NORTHSTAR GAS CO INC
15000 NW FREEWAY STE 203
HOUSTON, TX 77040
 phone (713) 937-4314
 account no. N 0505(A)

Well(s) (attach additional page if needed):

***SAN ARROYO UNIT, NW-115, ETC.**

Name: **SEE ATTACHED**	API: <u>019-31251</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-16-93)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). See Graham Royalty, LTD, Graham Energy, LTD and Graham Resources Inc.
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes)/no _____ If yes, show company file number: #100783.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-10-94)
- Sec 6. Cardex file has been updated for each well listed above. (1-10-94)
- Sec 7. Well file labels have been updated for each well listed above. (1-10-94)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-10-94)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) * 50,000 Surety "St. Paul Fire and Marine Ins. Co." No chg. necessary, no fee wells currently associated with bond.

N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

N/A 2. A copy of this form has been placed in the new and former operators' bond files.

N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: March 10 1994.

FILING

✓ 1. Copies of all attachments to this form have been filed in each well file.

✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

94/107 Bm/S.Y. Approved C.A. NW-115 and San Arroyo Unit eff. 12-29-93.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT — for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number 7. Indian Allottee or Tribe Name
2. Name of Operator NORTHSTAR GAS COMPANY INC.		8. Unit or Communitization Agreement 891003859A
3. Address of Operator 15000 NORTHWEST FWY, SUITE 203 HOUSTON TX 77040		9. Well Name and Number SEE BELOW
4. Telephone Number 713-937-4314		10. API Well Number SEE BELOW
5. Location of Well Footage : _____ County : GRAND QQ, Sec. T., R., M. : _____ State : UTAH		11. Field and Pool, or Wildcat SAN ARROYO UNIT

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**NORTHSTAR GAS COMPANY INC. TOOK OVER AS OPERATOR FROM GRAHAM ROYALTY LTD.
ON 09-01-93 WITH THE EFFECTIVE DATE OF SALE 09-01-93.**

Well Name	API #	Location
San Arroyo 31	4301930527	16S 25E 22
San Arroyo 32	4301930528	16S 25E 14
San Arroyo 33	4301930608	16S 25E 25
San Arroyo 36-A	4301931251	16S 26E 19
San Arroyo 37	4301931252	16S 26E 20
San Arroyo 38	4301931253	16S 25E 16
San Arroyo 41	4301931289	16S 25E 36
San Arroyo 42	4301931290	16S 26E 30
San Arroyo 43	4301931291	16S 26E 29
San Arroyo 45	4301931299	16S 26E 20

RECEIVED
JAN 1 8 1994
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

PAUL BERNARD

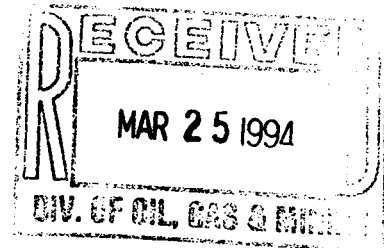
Title **SEC/TREAS**

Date **12-20-93**

(State Use Only)

COPY

Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155



March 23, 1994

Northstar Gas Company, Inc.
820 Gessner, Suite 1630
Houston, Texas 77024

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On March 17, 1994, we received an indenture dated November 29, 1993, whereby Graham Energy, Ltd. resigned as Unit Operator and Northstar Gas Company, Inc. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective March 23, 1994. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT0845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

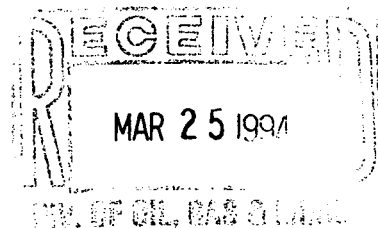
Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
~~Division of Oil, Gas & Mining~~
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:03-23-94

WELL STATUS REPORTS
UTAH STATE OFFICE



INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891003859A SAN ARROYO DK MO									
891003859A	430191589200S1	11	NESW	15	16S	25E	PGW	UTU05059C	GRAHAM ENERGY LIMITED
891003859A	430191589300S1	12	SWSW	23	16S	25E	PGW	UTSL071307	GRAHAM ENERGY LIMITED
891003859A	430191589400S1	13	NESW	22	16S	25E	GS1	UTU0370A	GRAHAM ENERGY LIMITED
891003859A	430191589500X1	14	SWNE	16	16S	25E	P+A	STATE	GRAHAM ENERGY LIMITED
891003859A	430191109100S1	15 (34-A)	NESW	21	16S	25E	TA	UTU0136529	GRAHAM ENERGY LIMITED
891003859A	430191589600S1	16	SESW	26	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430191589700S1	17	NENE	24	16S	25E	PGW	UTU025243	GRAHAM ENERGY LIMITED
891003859A	430191589800S1	18	NWNW	30	16S	26E	GS1	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430191589900S1	19	SWSE	14	16S	25E	PGW	UTU05011B	GRAHAM ENERGY LIMITED
891003859A	430191590000S1	20	SENE	26	16S	25E	PGW	UTSL071307	GRAHAM ENERGY LIMITED
891003859A	430191590100S1	21	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430191590200S1	22	NENE	15	16S	25E	PGW	UTU05011A	GRAHAM ENERGY LIMITED
891003859A	430191590300S1	24	SENW	19	16S	26E	PGW	UTU06188	GRAHAM ENERGY LIMITED
891003859A	430191590400S1	25	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ENERGY LIMITED
891003859A	430191590500S1	26	SWSW	20	16S	26E	PGW	UTU025297	GRAHAM ENERGY LIMITED
891003859A	430191590600S1	27	NESW	29	16S	26E	PGW	UTU06021	GRAHAM ENERGY LIMITED
891003859A	430191590700S1	28	NWNE	29	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430191590800S1	29	NENE	22	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859A	430191590900S1	30	NWSW	21	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430193052700S1	31	NWNW	22	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859A	430193052800S1	32	SWSW	14	16S	25E	PGW	UTU05011B	GRAHAM ENERGY LIMITED
891003859A	430193060800S1	33	SWSW	25	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430191109000S1	35	SESW	24	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430193125100S1	36-A	SESE	19	16S	26E	PGW	UTU06188	GRAHAM ENERGY LIMITED
891003859A	430193125200S1	37	SWNE	20	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430193125300S1	38	NESW	16	16S	25E	PGW	STATE	GRAHAM ENERGY LIMITED
891003859A	430191588700S1	40	SESW	30	16S	26E	PGW	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430193128900S1	41	NENE	36	16S	25E	PGW	STATE	GRAHAM ENERGY LIMITED
891003859A	430193129000S1	42	NESE	30	16S	26E	PGW	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430193129100S1	43	NESE	29	16S	26E	PGW	UTU06021	GRAHAM ENERGY LIMITED
891003859A	430193130100S1	44	SENE	30	16S	26E	PGW	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430193129900S1	45	NWSE	20	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430193131800S1	47	NENE	31	16S	26E	PGW	U06023	GRAHAM ENERGY LIMITED
891003859A	430193131600S1	49	NENW	29	16S	26E	PGW	UTU025245	GRAHAM ENERGY LIMITED
891003859A	430191589000S1	8	SWSW	16	16S	25E	PGW	STATE	GRAHAM ENERGY LIMITED
891003859A	430191589100S1	9	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
** INSPECTION ITEM 891003859B SAN ARROYO EN									
891003859B	430191653200S1	1	SENW	26	16S	25E	PGW	UTSL071307	GRAHAM ENERGY LIMITED
891003859B	430191588500S1	2	SENW	22	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859B	430191588600S1	3	SENW	23	16S	25E	GS1	UTU0369	GRAHAM ENERGY LIMITED
891003859B	430193125000S1	40	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859B	430191588800S1	5	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859B	430191588900S1	6	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ENERGY LIMITED

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- DEC 7-SJ	<input checked="" type="checkbox"/>
2- DEC 8-FILE	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJD	<input checked="" type="checkbox"/>
5- DEC	<input checked="" type="checkbox"/>
6-PL	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-93)

TO (new operator) NORTHSTAR GAS COMPANY INC
 (address) 820 GESSNER #1630
HOUSTON, TX 77024
PAUL BERNARD
 phone (713) 935-9542
 account no. N6680

FROM (former operator) GRAHAM ENERGY LTD
 (address) 15000 NW FREEWAY STE 203
HOUSTON, TX 77040
C/O NORTHSTAR GAS CO INC
 phone (713) 937-4314
 account no. N 7590

Well(s) (attach additional page if needed):

****SAN ARROYO UNIT**

Name: **SEE ATTACHED**	API: <u>019-31251</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Ref. 1-14-94) (Reg. 3-28-94) (Rec'd Bill of Sale 4-11-94)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-14-94)*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #144214.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-31-94)*
- See 6. Cardex file has been updated for each well listed above. *(3-31-94)*
- See 7. Well file labels have been updated for each well listed above *(3-31-94)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-31-94)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operators' bond files.
- ____ 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A ORS 4/14/94 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 4-19 1994.

FILING

- Lee 1. Copies of all attachments to this form have been filed in each well file.
- Lee 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940328 BLM/S.Y. Appr. eff. 3-23-94.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KATHY TUSON
NORTHSTAR GAS COMPANY INC
820 GESSNER #1630
HOUSTON TX 77024

UTAH ACCOUNT NUMBER: N6680REPORT PERIOD (MONTH/YEAR): 4 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ SAN ARROYO 22								
4301915902	00500 16S 25E 15		DKTA			U-05011-A		
✓ SAN ARROYO 24								
4301915903	00500 16S 26E 19		DK-CM			U-06188		
✓ SAN ARROYO 25								
4301915904	00500 16S 25E 21		DKTA			U-025244		
✓ SAN ARROYO 26								
4301915905	00500 16S 26E 20		DK-MR			U-025291		
✓ SAN ARROYO 27								
4301915906	00500 16S 26E 29		DKTA			U-06021		
✓ SAN ARROYO 28								
4301915907	00500 16S 26E 29		DKTA			U-05650		
✓ SAN ARROYO 29								
4301915908	00500 16S 25E 22		DKTA			U-0370-A		
✓ SAN ARROYO 30								
4301915909	00500 16S 26E 21		DKTA			U-05650		
✓ SAN ARROYO 31								
4301930527	00500 16S 25E 22		DKTA			U-0370A		
✓ SAN ARROYO 32								
4301930528	00500 16S 25E 14		DKTA			U-05011B		
✓ SAN ARROYO 33								
4301930608	00500 16S 25E 25		DKTA			U-0369		
✓ SAN ARROYO UNIT #36-A								
4301931251	00500 16S 26E 19		DK-MR			U-06188		
✓ SAN ARROYO UNIT #37								
4301931252	00500 16S 26E 20		DK-MR			U-5650		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

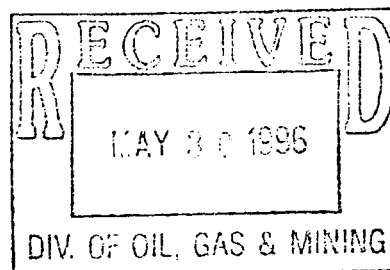


600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105
Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300
405 525-7788 / FAX 405 557-5258

May 21, 1996

Ms. Lisha Cordova
State of Utah
Department of Oil, Gas & Mining
Salt Lake City, Utah 84111-2303

Re: Acquisition of Producing Properties
and Operatorship from Northstar Resources
Grand and Uintah Counties, Utah



Dear Ms. Cordova:

Enogex Exploration Corporation acquired the working interest and operatorship of certain properties in Grand and Uintah Counties, Utah from Northstar Resources, Inc. effective 5/1/96. In this regard we enclose the following for the records:

1. Original Sundry Notices filed in triplicate for each of the wells on the three leases where the State of Utah owns the mineral rights.
2. Three copies each of the Sundry Notices for the 1 Gilbert and the 27-1 which has been approved by the BLM.
3. A copy of the Resignation of Unit Operator and Designation of Successor Unit Operator for the San Arroyo Unit along with approval of same by the BLM.
4. A copy of the Successor Operator of Communitization Agreement NW-115 along with approval of same by the BLM.
5. A list of the wells and locations which Enogex Exploration Corporation acquired from Northstar Resources and will be operating.

Please be advised we provided our State of Utah Blanket Bond in the amount of \$80,000 with our letter dated April 16, 1996, to the School & Institutional Trust Lands Administration

If any thing further is needed, please contact the undersigned at 405 557-5281.

Sincerely,

A handwritten signature in cursive script that reads "Claudine Gilliam". The signature is written in black ink and is positioned above the printed name and title.

Claudine Gilliam
Senior Landman

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

ENOGEX EXPLORATION CORPORATION

3. Address and Telephone Number:

P.O. Box 24300, Oklahoma City, OK 73124-0300 405 557-5281

4. Location of Well

Footage:

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

ML-4113

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

San Arroyo Unit

9. API Well Number:

10. Field and Pool, or Wildcat:

County: Grand

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

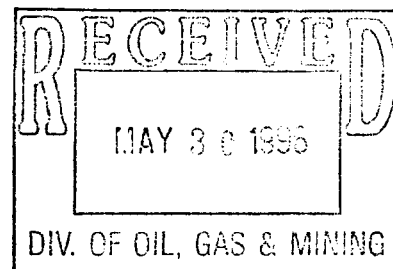
- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)



13.

Name & Signature:

Claudine Gilliam
Claudine Gilliam

Title:

Senior Landman

Date:

5/20/96

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

May 13, 1996

Enogex Exploration Corporation
P.O. Box 24300
Oklahoma City, Oklahoma 73124-0300

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

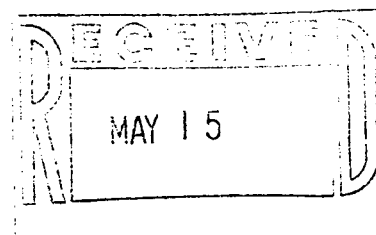
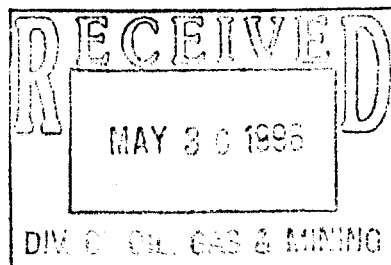
Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure



RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Northstar Gas Company, Inc., the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 23rd day of April, 1996.

ATTEST:

NORTHSTAR GAS COMPANY, INC.

Kath M. McK
Title Corporate Secretary

By: Kath M. McK
Title: E. Vice President

RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-385

THIS INDENTURE, dated as of the 19th day of April, 1996, by and between ENOGEX EXPLORATION CORPORATION, hereinafter designated as "First Party", and the owners of the unitized working interests, hereinafter designated as "Second Parties",

Return to:
Enogex Exploration Corporation
Post Office Box 2430
Oklahoma City, OK 73124-0300

W I T N E S S E T H:

WHEREAS, under the provisions of the Act of February 15, 1920, 4 Stat. 437, 30 U.S.C. Sec. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS, Northstar Gas Company, Inc. by subsequent designation is currently Unit Operator, but has resigned hereby as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereof, and

WHEREAS, the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the same Unit Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the premises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

ATTEST:

FIRST PARTY

ENOGEX EXPLORATION CORPORATION

BY: John J. Morozuk
TITLE: SECRETARY

BY: J. O. Edwards, Jr.
TITLE: J.O. EDWARDS, JR., PRESIDENT

DATE: 4/19/96

ATTEST:

SECOND PARTY

NORTHSTAR GAS COMPANY, INC.

BY: Kenneth M. McKinney
TITLE: Corporate Secretary

BY: Kenneth M. McKinney
TITLE: E. Vice President
DATE: 4/23/96

BOOK CLIFFS OIL & GAS COMPANY

BY: _____
TITLE: _____

BY: _____
TITLE: _____
DATE: _____

NATIONAL FUEL CORPORATION

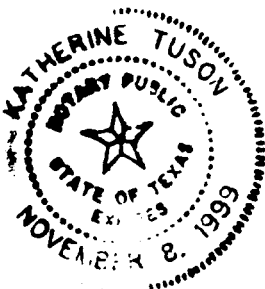
BY: _____
TITLE: _____

BY: _____
TITLE: _____
DATE: _____

STATE OF TEXAS)
) SS
COUNTY OF HARRIS)

This instrument was acknowledged before me on the 23RD day of APRIL, 1996, by Kenneth M. McKinney, as Executive Vice President of NORTHSTAR GAS COMPANY, INC., a Texas Corporation, on behalf of said corporation.

Katherine Tuson
Notary Public in and for the
State of TEXAS
My commission expires 11/8/99



STATE OF OKLAHOMA)
)
COUNTY OF OKLAHOMA)

This instrument was acknowledged before me on the 19th
day of April, 1996, by J.O. EDWARDS, as President of
ENOGEX EXPLORATION CORPORATION, an Oklahoma corporation, on
behalf of said corporation.

Candace Gilliam
Notary Public in and for the
State of Oklahoma
My Commission expires 4/22/99

STATE OF)
) SS
COUNTY OF)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1996, by _____,
as _____ and by _____, as Assistant
Secretary of BOOK CLIFFS OIL & GAS COMPANY, a _____
corporation.

WITNESS my hand and official seal.

Notary Public

My Commission Expires:

Place of Residence:

STATE OF)
) SS
COUNTY OF)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1996, by _____,
as _____, and by _____, as
Assistant Secretary of NATIONAL FUEL CORPORATION, a
_____ corporation.

WITNESS my hand and official seal.

Notary Public

My Commission Expires:

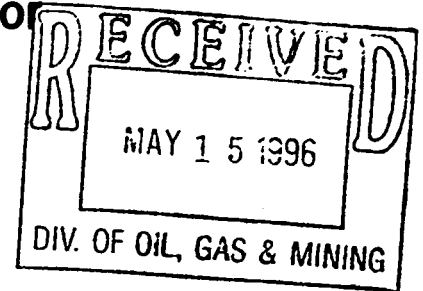
Place of Residence:

COPY

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155



IN REPLY REFER TO:
UT-922

May 13, 1996

Enogex Exploration Corporation
P.O. Box 24300
Oklahoma City, Oklahoma 73124-0300

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

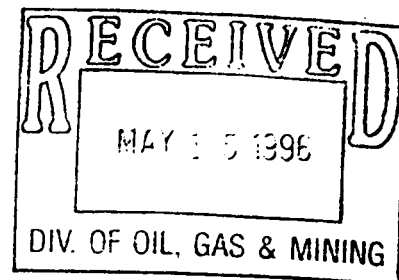
/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
~~Division of Oil, Gas & Mining~~
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

WELL STATUS REPORTS
UTAH STATE OFFICE



INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891003859A SAN ARROYO DK MO									
891003859A	430191589200S1	11	NESW	15	16S	25E	PGW	UTU05059C	NORTHSTAR GAS COMPANY INC
891003859A	430191589300S1	12	SWSW	23	16S	25E	PGW	UTSL071307	NORTHSTAR GAS COMPANY INC
891003859A	430191589400S1	13	NESW	22	16S	25E	GS1	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859A	430191589500X1	14	SWNE	16	16S	25E	P+A	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430191109100S1	15	NESW	21	16S	25E	TA	UTU0136529	NORTHSTAR GAS COMPANY INC
891003859A	430191589600S1	16	SESW	26	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430191589700S1	17	NENE	24	16S	25E	PGW	UTU025243	NORTHSTAR GAS COMPANY INC
891003859A	430191589800S1	18	NWNW	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430191589900S1	19	SWSE	14	16S	25E	PGW	UTU05011B	NORTHSTAR GAS COMPANY INC
891003859A	430191590000S1	20	SENE	26	16S	25E	PGW	UTSL071307	NORTHSTAR GAS COMPANY INC
891003859A	430191590100S1	21	NWSE	25	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430191590200S1	22	NENE	15	16S	25E	PGW	UTU05011A	NORTHSTAR GAS COMPANY INC
891003859A	430191590300S1	24	SENW	19	16S	26E	PGW	UTU06188	NORTHSTAR GAS COMPANY INC
891003859A	430191590400S1	25	SWNE	21	16S	25E	PGW	UTU0136529	NORTHSTAR GAS COMPANY INC
891003859A	430191590500S1	26	SWSW	20	16S	26E	PGW	UTU025297	NORTHSTAR GAS COMPANY INC
891003859A	430191590600S1	27	NESW	29	16S	26E	PGW	UTU06021	NORTHSTAR GAS COMPANY INC
891003859A	430191590700S1	28	NWNE	29	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430191590800S1	29	NENE	22	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859A	430191590900S1	30	NWSW	21	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430193052700S1	31	NWNW	22	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859A	430193052800S1	32	SWSW	14	16S	25E	PGW	UTU05011B	NORTHSTAR GAS COMPANY INC
891003859A	430193060800S1	33	SWSW	25	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430191109000S1	35	SESW	24	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430193125100S1	36-A	SESE	19	16S	26E	PGW	UTU06188	NORTHSTAR GAS COMPANY INC
891003859A	430193125200S1	37	SWNE	20	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430193125300S1	38	NESW	16	16S	25E	PGW	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430191588700S1	4	SESW	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430193128900S1	41	NENE	36	16S	25E	PGW	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430193129000S1	42	NESE	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430193129100S1	43	NESE	29	16S	26E	PGW	UTU06021	NORTHSTAR GAS COMPANY INC
891003859A	430193130100S1	44	SENE	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430193129900S1	45	NWSE	20	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430193131800S1	47	NENE	31	16S	26E	PGW	U06023	NORTHSTAR GAS COMPANY INC
891003859A	430193131600S1	49	NENW	29	16S	26E	PGW	UTU025245	NORTHSTAR GAS COMPANY INC
891003859A	430191589000S1	8	SWSW	16	16S	25E	PGW	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430191589100S1	9	NWNE	27	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
** INSPECTION ITEM 891003859B SAN ARROYO EN									
891003859B	430191653200S1	1	SENW	26	16S	25E	PGW	UTSL071307	NORTHSTAR GAS COMPANY INC
891003859B	430191588500S1	2	SENW	22	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859B	430191588600S1	3	SENW	23	16S	25E	GS1	UTU0369	NORTHSTAR GAS COMPANY INC
891003859B	430193125000S1	40	NWNE	27	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859B	430191588800S1	5	NWSE	25	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859B	430191588900S1	6	SWNE	21	16S	25E	PGW	UTU0136529	NORTHSTAR GAS COMPANY INC

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GLH/141	7-KDR
3-DPS 213	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 5-13-96

TO: (new operator) ENOGEX EXPLORATION CORP.
 (address) PO BOX 24300
OKLAHOMA CITY OK 73124-0300

FROM: (old operator) NORTHSTAR GAS COMPANY INC
 (address) 820 GESSNER #1630
HOUSTON TX 77024

Phone: (405) 525-7788Account no. N7430Phone: (713) 935-9542Account no. N6680

WELL(S) attach additional page if needed:

***SAN ARROYO UNIT**

Name: **SEE ATTACHED**	API: <u>43-019-31251</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(field 5-30-96)*
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(field 5-30-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- See 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(6-12-96)*
- See 6. Cardex file has been updated for each well listed above. *(6-13-96)*
- See 7. Well file labels have been updated for each well listed above. *(6-13-96)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(6-12-96)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- LC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) Trust Lands / \$80,000 "Encyex" on file.

- LC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DT3 1. Copies of documents have been sent on 7/8/96 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- WDP 1. All attachments to this form have been microfilmed. Today's date: July 18, 1996

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

960534 PLM/SL aprv. & H. 5-13-96.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING

N REPLY REFER TO
UT-931

August 17, 2000

Crescendo Energy, LLC
c/o Pruitt, Gushee & Bachtell
Attn: William E. Ward
Suite 1850 Beneficial Life Tower
Salt Lake City, Utah 84111-1495

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On August 14, 2000, we received an indenture dated June 30, 2000, whereby Enogex Exploration Corporation resigned as Unit Operator and Crescendo Energy, LLC was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 17, 2000.

Your statewide (Utah) oil and gas bond No. 1184 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron
UT931:TAThompson:tt:8/17/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 891003859A								
UTU025297	4301915905	1 (26) FEDERAL-GRAND	SWSW	20	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05059C	4301915892	11 SAN ARROYO UNIT	NESW	15	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915893	12 SAN ARROYO UNIT	SWSW	23	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915894	13 SAN ARROYO UNIT	SWSW	22	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
STATE	4301915895	14 SAN ARROYO UNIT	SWSW	16	T16S	R25E	PAA	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301911091	15 (34-A) SAN ARROYO	NESW	21	T16S	R25E	ABD	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915896	16 SAN ARROYO UNIT	SESW	26	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU025243	4301915897	17 SAN ARROYO UNIT	NENE	24	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915898	18 SAN ARROYO UNIT	NWNW	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05011B	4301915899	19 SAN ARROYO	SWSE	14	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915900	20 SAN ARROYO	SENE	26	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915901	21 SAN ARROYO	NWSE	25	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05011A	4301915902	22 SAN ARROYO	NENE	15	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301915903	24 SAN ARROYO UNIT	SESW	19	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915904	25 SAN ARROYO	SWNE	21	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301915906	27 SAN ARROYO	NESW	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915907	28 FEDERAL	NWNE	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915908	29 SAN ARROYO UNIT	NENE	22	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915886	3 UNIT	SESW	23	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915909	30 SAN ARROYO UNIT	NWSW	21	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301930527	31 SAN ARROYO UNIT	NWNW	22	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05011B	4301930528	32 SAN ARROYO UNIT	SWSW	14	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301930608	33 SAN ARROYO UNIT	SWSW	25	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301931251	36-A SAN ARROYO UNIT	SESE	19	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931252	37 SAN ARROYO UNIT	SWNE	20	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931253	38 SAN ARROYO UNIT	SWNE	16	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915887	4 GOVT-SAN ARROYO	SESW	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931289	41 SAN ARROYO UNIT	NENE	36	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931290	42 SAN ARROYO UNIT	NESE	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301931291	43 SAN ARROYO UNIT	NESE	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931301	44 SAN ARROYO	SENE	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931299	45 SAN ARROYO	NWSE	20	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931318	47 FEDERAL	NWNE	31	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU025245	4301931316	49 FEDERAL	NENW	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301911090	7 (35) SAN ARROYO	SESW	24	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301915890	8 SAN ARROYO UNIT	SWSW	16	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915891	9 SAN ARROYO UNIT	NWNE	27	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
** Inspection Item: 891003859B								
UTSL071307	4301916532	1 GOVT SAN ARROYO	SESW	26	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915885	2 UNIT	SESW	22	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301931250	40 SAN ARROYO UNIT	NWNE	27	T16S	R25E	TA	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915888	5 SAN ARROYO UNIT	NWSE	25	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915889	6 SAN ARROYO UNIT	SWNE	21	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION

Crescendo Energy, LLC

P.O. Box 1814
Midland, TX 79702
Phone: 915-697-7221
Fax: 915-697-7289

August 23, 2000

Attn: Mr. Jim Thompson
Utah Division of Oil, Gas & Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

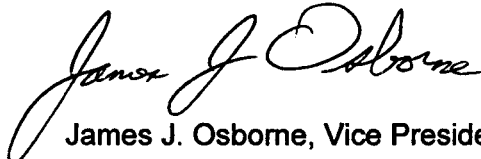
Re: Change of Operator

Dear Mr. Thompson:

The attached list of properties was formerly owned and operated by Enogex Exploration Corporation. Crescendo Energy, LLC has purchased the properties and has taken over operations. If you have any questions, please feel free to contact me at the phone number listed above.

Sincerely yours,
Crescendo Energy, LLC

By: Crescendo Energy Partners, LLC, its
Managing Member


James J. Osborne, Vice President

Confirmation by Previous Operator:

Enogex Exploration Corporation

By: Chris J. Haugen
Name (Print): CHRIS J. HAUGEN
Title: Manager, E&P

jjo
Attachment



Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-6849
Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web site: <http://www.commerce.state.ut.us>

CRESCENDO ENERGY, LLC


August 4, 2000

CERTIFICATE OF EXISTENCE

Registration Number: PENDING
Business Name: CRESCENDO ENERGY, LLC
Registered Date: JULY 13, 2000
Foreign or Domestic: FOREIGN
Current Status: GOOD STANDING

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah.




Lorena Rizzo-Jenson
Division Director of
Corporations and Commercial Code

Dept. of Professional Licensing
(801)530-6628

Real Estate
(801)530-6747

Public Utilities
(801)530-6651

Securities
(801)530-6600

Consumer Protection
(801)530-6601

RESIGNATION OF UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Enogex Exploration Corporation, the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 30th day of June, 2000.

ENOGEX EXPLORATION CORPORATION

By *Dennis F. Jaggi* 18

Name: Dennis F. Jaggi

Title: Vice President

DESIGNATION OF
SUCCESSOR UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

THIS INDENTURE, dated as of the 30th day of June, 2000, by and between Crescendo Energy, L.L.C., hereinafter designated as "First Party", and the owners of unitized working interests, hereinafter designated as "Second Parties",

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS Enogex Exploration Corporation by subsequent designation is currently Unit Operator, but has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit Agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY:

CRESCENDO ENERGY, L.L.C.

BY: CRESCENDO ENERGY PARTNERS, LLC, its managing member.

By: James J. Osborne

Title: VICE PRESIDENT

SECOND PARTIES:

ENOGEX EXPLORATION CORPORATION

By: Dennis F. Jaggs RF
Name: Dennis F. Jaggs
Title: Vice-President

Execution Date: 7/10/00

BOOK CLIFFS OIL & GAS COMPANY

By: D. L. Catt
Name: D. L. Catt
Title: Vice President
Execution Date: 7-18-00

NATIONAL FUEL CORPORATION

By: J.C. Thompson
Name: J.C. THOMPSON
Chairman
Title: _____
Execution Date: 8/7/00

CORPORATE ACKNOWLEDGEMENT

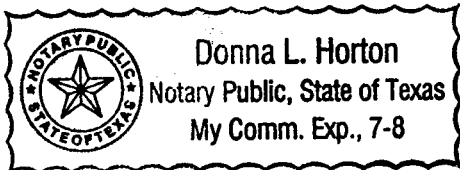
Donna L. Horton
STATE OF ~~TEXAS~~)

COUNTY OF Sonoma)

SS

This instrument was acknowledged before me on the 10 day of August, 2000, by Donna L. Horton, as V.P. MANAGING MEMBER of Crescendo Energy, L.L.C., on behalf of said corporation.

WITNESS my hand and official seal.



Donna L. Horton

Notary Public in and for the
State of Texas

My commission expires 7/8/02

CORPORATE ACKNOWLEDGEMENT

STATE OF OKLAHOMA)

COUNTY OF OKLAHOMA)

SS

This instrument was acknowledged before me on the 10th day of July, 2000, by Dennis F. Jaggi, as Vice-President of Enogex Exploration Corporation, on behalf of said corporation.

WITNESS my hand and official seal.

[Signature]
Notary Public in and for the State of Oklahoma

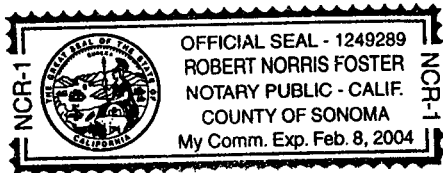
My commission expires 8/21/01

CORPORATE ACKNOWLEDGEMENT

STATE OF Calif)
) SS
COUNTY OF Sonoma)

This instrument was acknowledged before me on the 18 day of July, 2000, by D L Catt, as Vice pres of Book Cliffs Oil & Gas Company, on behalf of said corporation.

WITNESS my hand and official seal.



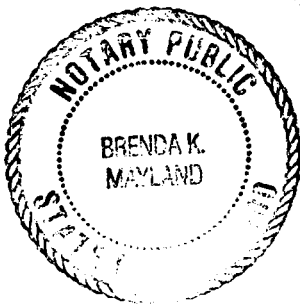
Robert Norris Foster
Notary Public in and for the State of Oklahoma
My commission expires 2/8/04

CORPORATE ACKNOWLEDGEMENT

STATE OF Colorado)
) SS
COUNTY OF Arapahoe)

This instrument was acknowledged before me on the 7 day of August, 2000, by Jc Thompson, as Chairman of National Fuel Corporation, on behalf of said corporation.

WITNESS my hand and official seal.



Brenda K Mayland
Notary Public in and for the State of ~~Oklahoma~~ Colorado
My commission expires 4-13-01

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW		5-S
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

06-30-2000**FROM: (Old Operator):**

ENOGEX EXPLORATION CORPORATION

Address: P. O. BOX 24300

OKLAHOMA CITY, OK 73124-0300

Phone: 1-(405)-525-7788

Account No. N7430

TO: (New Operator):

CRESCENDO ENERGY PARTNERS LLC

Address: P. O. BOX 1814

MIDLAND, TX 79702

Phone: 1-(915)-697-7221

Account N1365

CA No.**Unit: SAN ARROYO****WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
SAN ARROYO # 38	43-019-31253	500	16-16S-25E	STATE	GW	P
SAN ARROYO # 6	43-019-15889	505	21-16S-25E	FEDERAL	GW	S
SAN ARROYO # 2	43-019-15885	505	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 35	43-019-11090	500	24-16S-25E	FEDERAL	GW	P
SAN ARROYO # 5	43-019-15888	505	25-16S-25E	FEDERAL	GW	S
SAN ARROYO # 33	43-019-30608	500	25-16S-25E	FEDERAL	GW	S
SAN ARROYO # 1	43-019-16532	505	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 40	43-019-31250	505	27-16S-25E	FEDERAL	GW	S
SAN ARROYO # 36A	43-019-31251	500	19-16S-26E	FEDERAL	GW	P
SAN ARROYO # 37	43-019-31252	500	20-16S-26E	FEDERAL	GW	P
SAN ARROYO # 45	43-019-31299	500	20-16S-26E	FEDERAL	GW	P
SAN ARROYO # 43	43-019-31291	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 49	43-019-31316	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 42	43-019-31290	500	30-16S-26E	FEDERAL	GW	P
SAN ARROYO # 44	43-019-31301	500	30-16S-26E	FEDERAL	GW	P
SAN ARROYO # 47	43-019-31318	500	31-16S-26E	FEDERAL	GW	P
SAN ARROYO # 41	43-019-31289	500	36-16S-25E	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:08/23/20002. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:08/23/2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 10/19/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/17/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/17/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 10/19/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/19/2000
3. Bond information entered in RBDMS on: _____
4. Fee wells attached to bond in RBDMS on: _____

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 437484

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU06188
2. Name of Operator Crescendo Energy Partners, LLC		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 1814, Midland, TX 79702	3b. Phone No. (include area code) 432-697-7221	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1305 FSL, 870 FEL, SESE, SEC. 19, T16S, R25E <i>26</i>		8. Well Name and No. San Arroyo FED 36-A
		9. API Well No. 430193125100S1
		10. Field and Pool, or Exploratory Area
		11. County or Parish, State Grand County Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PIT CLOSURE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	TANK INSTALL
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Existing pit will be closed and a tank will be installed to contain produced water. Produced water will be hauled and disposed of at the Black Mtn Facility in Mesa County, Colorado.

Existing pit will be excavated and the material landfarmed on the pad. Pre and post remediation samples will be collected to document remediation of affected soils. Following remediation, the soils will be spread across the surface of the pad or hauled to an appropriate disposal facility as necessary.

Pad material will be used to backfill the pit and a 70 barrel tank will be connected to the production works to collect produced water. The tank will be set on the existing pad location. All facilities will be painted green to match the surrounding vegetation. A soil berm will be constructed around the tank to contain any produced water spills.

RECEIVED

AUG 06 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Sean T. Norris		Title Senior Project Geologist
Signature <i>Sean T. Norris</i>		Date 08/03/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Accepted by the Title Division of Oil, Gas and Mining Office _____ Date 8/11/04	Date _____ Federal Approval of This Action Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and voluntarily to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		

(Instructions on page 2)

By: *[Signature]*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2. NAME OF OPERATOR: Slate River Resources, LLC N2725		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: San Arroyo Unit and other wells
3. ADDRESS OF OPERATOR: 418 Main Street, Ste. 18 CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: See attached
PHONE NUMBER: (435) 781-1870		8. WELL NAME and NUMBER: See attach
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached schedule of wells		9. API NUMBER: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached

COUNTY: Grand

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescendo Energy, LLC is a wholly owned subsidiary of Slate River Resources, LLC. All the wells, properties and leasehold interest of Crescendo Energy, LLC has been assigned to Slate River Resources, LLC. We request a change of Operator from Crescendo Energy, LLC to Slate River Resources, LLC on the wells listed on the attached schedule, including a change of Operator of the San Arroyo Unit Area effective November 1, 2005.

The Bond numbers for Slate River Resources, LLC are:

State of Utah DOGM Bond B001556 \$120,000

State of Utah Bond of Lessee B001760 \$ 15,000 being transferred from Crescendo to Slate River Resources, LLC

Federal Utah Statewide Bond UTB000187 \$ 25,000 being transferred from Crescendo to Slate River Resources, LLC

Crescendo Energy, LLC

N1365

Carter G. Mathies

Carter G. Mathies, President

NAME: Gary D. Davis

TITLE: President, Slate River Resources, LLC

SIGNATURE: *[Signature]*

DATE: 11/10/2005

(This space for State use only)

APPROVED 11/29/05

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Q/Qr	Section	Township Range	Upland	FNL/
43-019-30570-00-0	CRESCENDO ENERGY LLC	ARCO 27-1	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	27	16S-25E	U-29645	1700
43-019-31162-00-0	CRESCENDO ENERGY LLC	ARCO STATE 36-7	Gas Well	Producing	EAST CANYON	GRAND	SWSE	36	15.5S-24E	ML-22208	852
43-019-31192-00-0	CRESCENDO ENERGY LLC	ARCO STATE 36-8	Gas Well	Producing	EAST CANYON	GRAND	SWSW	36	15.5S-24E	ML-22208	1285
43-019-30240-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-1	Gas Well	Producing	EAST CANYON	GRAND	NESE	2	16S-24E	ML-22208	2420
43-019-30241-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-2	Gas Well	Shut-In	EAST CANYON	GRAND	NWNW	2	16S-24E	ML-22208	1425
43-019-30047-00-0	CRESCENDO ENERGY LLC	BITTER CREEK 1	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	2	16S-25E	ML-25151	1080
43-047-30765-00-0	CRESCENDO ENERGY LLC	BLACK HORSE CANYON FED 31-1	Gas Well	Producing	BLACK HORSE CYN	UINTAH	NWSW	31	15S-24E	U-14234	2030
43-019-15884-00-0	CRESCENDO ENERGY LLC	FEDERAL 174 1	Gas Well	Producing	SAN ARROYO	GRAND	SESW	11	16S-25E	U-126528	1940
43-019-31432-00-0	CRESCENDO ENERGY LLC	FEDERAL 27-2	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SESE	27	16S-25E	U-29645	1110
43-019-31318-00-0	CRESCENDO ENERGY LLC	FEDERAL 47	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	31	16S-26E	U-6023	990
43-019-31410-00-0	CRESCENDO ENERGY LLC	FEDERAL 6-1	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SWNW	6	16S-25E	U-9831	1760
43-019-11089-00-0	CRESCENDO ENERGY LLC	FEDERAL GILBERT 1	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	11	16S-25E	U-126528	1140
43-019-16532-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 01	Gas Well	Shut-In	SAN ARROYO	GRAND	SESW	26	16S-25E	USL-71307	1320
43-019-15885-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 02	Gas Well	Shut-In	SAN ARROYO	GRAND	SESW	22	16S-25E	U-370-A	1125
43-019-15886-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 03	Gas Well	Producing	SAN ARROYO	GRAND	SESW	23	16S-25E	U-369	60
43-019-15887-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 04	Gas Well	Producing	SAN ARROYO	GRAND	SESW	30	16S-26E	U-6023	660
43-019-15888-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 05	Gas Well	Shut-In	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	820
43-019-15889-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 06	Gas Well	Shut-In	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	1360
43-019-15890-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 08	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	16	16S-25E	ML-4113	2066
43-019-15891-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 09	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	1210
43-019-15892-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 11	Gas Well	Producing	SAN ARROYO	GRAND	NESW	15	16S-25E	U-5059-C	2450
43-019-15893-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 12	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	23	16S-25E	USL-71307	1520
43-019-15894-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 13	Gas Well	Producing	SAN ARROYO	GRAND	C-SW	22	16S-25E	U-370-A	660
43-019-15896-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 16	Gas Well	Producing	SAN ARROYO	GRAND	SESW	26	16S-25E	U-369	1990
43-019-15897-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 17	Gas Well	Producing	SAN ARROYO	GRAND	NENE	24	16S-25E	U-25243	660
43-019-15898-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 18	Gas Well	Producing	SAN ARROYO	GRAND	NWNW	30	16S-26E	U-6023	1300
43-019-15899-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 19	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	14	16S-25E	U-5011-B	2600
43-019-15900-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 20	Gas Well	Producing	SAN ARROYO	GRAND	SENE	26	16S-25E	USL-71307	1712
43-019-15901-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 21	Gas Well	Producing	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	395
43-019-15902-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 22	Gas Well	Producing	SAN ARROYO	GRAND	NENE	15	16S-25E	U-5011-A	2194
43-019-15903-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 24	Gas Well	Producing	SAN ARROYO	GRAND	SESW	19	16S-26E	U-6188	769
43-019-15904-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 25	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	1111
43-019-15905-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 26	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	20	16S-26E	U-25297	78
43-019-15906-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 27	Gas Well	Producing	SAN ARROYO	GRAND	NESW	29	16S-26E	U-6021	187
43-019-15907-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 28	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	29	16S-26E	U-5650	634
43-019-15908-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 29	Gas Well	Producing	SAN ARROYO	GRAND	NENE	22	16S-25E	U-370-A	540
43-019-15909-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 30	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	21	16S-26E	U-5650	945
43-019-30527-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 31	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNW	22	16S-25E	U-370-A	739
43-019-30528-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 32	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	14	16S-25E	U-5011-B	1305
43-019-30608-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 33	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	25	16S-25E	U-369	1977
43-019-11090-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 35	Gas Well	Producing	SAN ARROYO	GRAND	SESW	24	16S-25E	U-369	1875
43-019-31251-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 36-A	Gas Well	Producing	SAN ARROYO	GRAND	SESE	19	16S-26E	U-6188	304
43-019-31252-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 37	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	20	16S-26E	U-5650	2025
43-019-31253-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 38	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	16	16S-25E	ML-4113	1393
43-019-31250-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 40	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	1482
43-019-31289-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 41	Gas Well	Producing	SAN ARROYO	GRAND	NENE	36	16S-25E	Not CE Lease	1342
43-019-31290-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 42	Gas Well	Producing	SAN ARROYO	GRAND	NESE	30	16S-26E	U-6023	1300
43-019-31291-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 43	Gas Well	Producing	SAN ARROYO	GRAND	NESE	29	16S-26E	U-6021	600
43-019-31301-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 44	Gas Well	Producing	SAN ARROYO	GRAND	SENE	30	16S-26E	U-6023	600
43-019-31299-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 45	Gas Well	Producing	SAN ARROYO	GRAND	NWSE	20	16S-26E	U-5650	0

SLATE RIVER RESOURCES, LLC, OPERATOR

[illegible]

OPERATOR CHANGE WORKSHEET**ROUTING**

1. DJJ

2. CDW

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

X Merger

The operator of the well(s) listed below has changed, effective:

11/1/2005

FROM: (Old Operator):

N1365-Crescendo Energy, LLC
1600 Broadway, Suite 900
Denver, CO 80202

Phone: 1-(303) 592-4448

TO: (New Operator):

N2725-Slate River Resources, LLC
418 Main St, Suite 18
Vernal, UT 84078

Phone: 1-(435) 781-1870

CA No.**Unit:****SAN ARROYO****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	GW	P
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	GW	P
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	GW	P
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	GW	S
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	GW	P
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	GW	S
SAN ARROYO U 40	27	160S	250E	4301931250	505	Federal	GW	S
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	GW	P
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	GW	P
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	GW	P
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	GW	P
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	GW	P
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	GW	P
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	GW	P
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	GW	P
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	GW	P
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	GW	P
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	GW	P
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	GW	P
FEDERAL 47	31	160S	260E	4301931318	500	Federal	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/16/20052. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/16/2005

3. The new company was checked on the Department of Commerce, Division of Corporations database on: 11/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 5810-11-0161

5. If NO, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: requested 11/23/05

6b. Inspections of LA PA state/fee well sites complete on: n/a

6c. Reports current for Production/Disposition & Sundries on: requested 11/23/05

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: _____ not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: _____ n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: _____ n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____ n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: _____ 11/29/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: _____ 11/29/2005
3. Bond information entered in RBDMS on: _____ 11/29/2005
4. Fee/State wells attached to bond in RBDMS on: _____ 11/29/2005
5. Injection Projects to new operator in RBDMS on: _____ n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: _____ 11/29/2005

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: _____ UTB000187

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: _____ n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number _____ B001556
2. The FORMER operator has requested a release of liability from their bond on: _____ 11/25/2005
The Division sent response by letter on: _____ n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____ n/a

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

December 5, 2005


Memorandum

To: Moab Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the state of Delaware. We have updated our records to reflect the merger from Crescendo Energy LLC into Slate River Resources LLC. The merger was approved effective October 31, 2005.


for David H. Murphy
Acting Chief, Branch of
Fluid Minerals

Enclosure

Articles of Organization (4 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

DEC 06 2005

DIV. OF OIL, GAS & MINING

EP

LLE: Judy Nordstrom

MEMO WRITTEN: December 5, 2005

Name of Company:

OLD

Crescendo Energy LLC
418 E. Main Street
Suite 18
Vernal Utah 84078

NEW NID

Slate River Resources LLC
1600 Broadway
Suite 900
Denver CO 80202

(DATE) (940) NAME CHANGE RECOGNIZED

October 31, 2005
(DATE) (817) CORPORATE MERGER RECOGNIZED

UTSL-071307

UTU-0369
UTU-0370A
UTU-05011A
UTU-05011B
UTU-05059A
UTU-05059C
UTU-05059F
UTU-05650
UTU-05650A
UTU-06021
UTU-06023
UTU-06188
UTU-06188B
UTU-025243
UTU-025245
UTU-025243A
UTU-025297
UTU-0126528
UTU-0136529
UTU-0141420
UTU-9831
UTU-14234
UTU-29645
UTU-60818
UTU-63022A

CERTIFICATE OF MERGER
of
CRESCENDO ENERGY, LLC
into
SLATE RIVER RESOURCES, LLC

This **CERTIFICATE OF MERGER**, dated and effective as of October 31, 2005, has been duly authorized and is filed pursuant to Section 18-209 of the Delaware Limited Liability Company Act (the "Act").

1. The name and jurisdiction of formation or organization of the constituent entities of the merger effectuated hereby are:

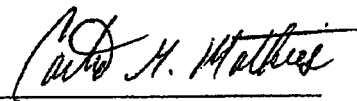
<u>Name</u>	<u>Jurisdiction of Organization</u>
Slate River Resources, LLC	Delaware
Crescendo Energy, LLC	Delaware

2. An Agreement and Plan of Merger (the "Merger Agreement") has been duly authorized, approved and executed by each of the limited liability companies to merge pursuant hereto.
3. Slate River Resources, LLC shall be the surviving entity and shall maintain its present name.
4. There are no amendments to the certificate of formation of Slate River Resources, LLC resulting from or incidental to the merger.
5. The merger effected hereby shall be effective upon the filing of this Certificate of Merger in the office of the Secretary of State of the State of Delaware.
6. The Merger Agreement is on file in the principal business office of the surviving entity, Slate River Resources, LLC, which is located at 1600 Broadway, Suite 900, Denver, Colorado 80202.
7. The Merger Agreement will be furnished by Slate River Resources, LLC, or its authorized representative, free of cost, to any member of, or any person holding an interest in, any entity to be merged pursuant hereto.

IN WITNESS WHEREOF, Slate River Resources, LLC, the surviving entity, has caused this Certificate of Merger to be executed by an authorized officer as of the date first written above.

SLATE RIVER RESOURCES, LLC

By:


Carter G. Mathies
Chief Executive Officer

**SLATE RIVER HOLDINGS, LLC
UNANIMOUS WRITTEN CONSENT OF
THE BOARD OF DIRECTORS
IN LIEU OF A SPECIAL MEETING**

The undersigned, being all of the Members of the Board of Directors of Slate River Holdings, LLC, a Delaware limited liability company (the "Company"), hereby adopt, by unanimous written consent, in accordance with the Delaware Limited Liability Company Act, the following resolutions with the same force and effect as if they had been adopted at a duly convened meeting of the Board:

WHEREAS, the Company previously acquired all of the outstanding equity and ownership interests in Crescendo Resources, LLC ("Crescendo Resources"); and

WHEREAS, thereafter, the Company consolidated all of the wholly-owned subsidiaries of Crescendo Resources, namely, Crescendo Energy, LLC ("Crescendo Energy") and Entrada Energy Ventures, LLC ("Entrada") (collectively, Crescendo Resources, Crescendo Energy and Entrada are referred to herein as the ("Crescendo Entities") into Crescendo Energy; and

WHEREAS, the material assets and operations of all of the Crescendo Entities are held by Crescendo Energy; and

WHEREAS, Slate River Resources, LLC ("Slate River Resources"), a wholly-owned subsidiary of the Company, is intended to be the operating entity for all of the Company's business activities; and

WHEREAS, the Company has determined that it is in the Company's best interest to operate all of its business activities as a single entity and therefore to merge Crescendo Energy into Slate River Resources, with Slate River Resources being the surviving entity.

NOW, THEREFORE, BE IT:

RESOLVED, that the Company hereby is authorized to direct its legal counsel to effectuate the merger of the Crescendo Energy into Slate River Resources, with Slate River Resources as the surviving entity, to be effective on October 31, 2005; and be it further

RESOLVED, that the Company, and any Authorized Officer (as defined below) on behalf of the Company, hereby is authorized to undertake and perform all other acts, transactions or agreements that are necessary, appropriate, desirable or contemplated by the foregoing Resolutions; and be it further

RESOLVED, that all of the acts, transactions, or agreements taken in connection with the foregoing Resolutions hereby are ratified and approved in all respects, and the chief executive officer, chief operating officer, chief financial officer, president, vice president and secretary of the Company, as applicable, (collectively, the "*Authorized Officers*" and each individually, an "*Authorized Officer*") hereby are severally authorized and directed, in the name and on behalf of the Company to negotiate, execute and deliver such instruments, documents, agreements and writings of every kind and character, together with such changes, modifications, additions and deletions as to any or all of the terms and provisions thereof as the Authorized Officer executing such instruments, documents, agreements and

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS
IN LIEU OF A SPECIAL MEETING
(SLATE RIVER HOLDINGS, LLC)

writings shall deem proper (such execution by such Authorized Officer to be conclusive evidence that such Authorized Officer deems all of the terms and provisions thereof to be proper), and to make such attestations to any signatures of officers of the Company, and to do and perform or cause to be done and performed all such other acts as each Authorized Officer shall from time to time deem necessary, advisable or appropriate in order to consummate the acts, transactions, or agreements contemplated by or described in the foregoing Resolutions; and be it further

RESOLVED, that the Authorized Officers hereby are severally authorized to execute on behalf of the Company from time to time, amendments or supplements to any of the documents related to or contemplated by the foregoing Resolutions as the Authorized Officer or Authorized Officers executing and delivering the same may in his, her, or their sole and absolute discretion deem appropriate to carry out the purpose and intent of the foregoing Resolutions (such execution by such Authorized Officer or Authorized Officers to be conclusive evidence that such Authorized Officer or Authorized Officers deems all of the terms and provisions thereof to be proper); and be it further

RESOLVED, that all acts, transactions, or agreements undertaken prior to the adoption of these Resolutions by any of the officers or representatives of the Company in connection with the foregoing matters hereby are ratified, confirmed and adopted by the Board; and be it further

RESOLVED, that any Authorized Officer hereby is authorized and directed to certify these Resolutions; and be it further

RESOLVED, that the Authorized Officers (together with such other officers and employees of the Company under their supervision as any of them shall direct) hereby are severally authorized and directed in the name and on behalf of the Company to do or cause to be done any and all further acts and things that they may from time to time deem necessary, advisable or appropriate to carry out the purpose and intent of the foregoing Resolutions.

[Remainder of Page Intentionally Left Blank]

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS
IN LIEU OF A SPECIAL MEETING
(SLATE RIVER HOLDINGS, LLC)

Delaware

PAGE 1

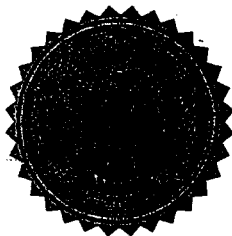
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "SLATE RIVER RESOURCES, LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF JANUARY, A.D. 2005, AT 9:34 O'CLOCK P.M.

2005-01-28 9:50
2005-01-27 AM 9:50

3919255 8100

050074460



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3651875

DATE: 01-31-05

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/15/2008

FROM: (Old Operator):

N2725-Slate River Resources, LLC
 1600 Broadway, Suite 900
 Denver, CO 80202

Phone: 1 (303) 592-4448

TO: (New Operator):

N3505-Augustus Energy Partners, LLC
 2016 Grand Ave, Suite A
 Billings MT 59012

Phone: 1 (406) 294-5990

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/23/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/23/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/4/2008
- a. Is the new operator registered in the State of Utah: Business Number: 7012268-0161
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: In Process
- c. Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/29/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/29/2008
- Bond information entered in RBDMS on: 5/29/2008
- Fee/State wells attached to bond in RBDMS on: 5/29/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: _____

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB00317
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0011628
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
Augustus Energy Partners, LLC N3505

3. ADDRESS OF OPERATOR:
2016 Grand Avenue, Ste A CITY Billings STATE MT ZIP 59012

PHONE NUMBER:
(406) 294-5990

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 12:01 a.m. May 15, 2008 the Operator of this well will change from:


Slate River Resources, LLC N2725
1600 Broadway, Suite 900
Denver, CO 80202
303-592-4448

TO: Augustus Energy Partners, LLC
2016 Grand Avenue, Suite A
Billings, MT 59102

BLM Bond # UTB00317 effective 5/13/08

STATE BOND = RLB 0011638

Seller: Slate River Resources LLC
Gary D. Davis, President/CEO

Signature: 

NAME (PLEASE PRINT) Steven D. Durrett

TITLE President

SIGNATURE 

DATE 5/15/2008

(This space for State use only)

APPROVED 5/15/08
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

API Well Number	Well Name	Qtr/Qtr	Section	Township-Range
43-019-11089	FEDERAL GILBERT 1	SWNE	11	16S-25E
43-019-11090	SAN ARROYO U 35	SESW	24	16S-25E
43-019-15884	FEDERAL 174 1	SESW	11	16S-25E
43-019-15885	SAN ARROYO 2	SENW	22	16S-25E
43-019-15886	SAN ARROYO 3	SENW	23	16S-25E
43-019-15887	SAN ARROYO 4	SESW	30	16S-26E
43-019-15888	SAN ARROYO 5	NWSE	25	16S-25E
43-019-15889	SAN ARROYO 6	SWNE	21	16S-25E
43-019-15890	SAN ARROYO 8	SWSW	16	16S-25E
43-019-15891	SAN ARROYO 9	NWNE	27	16S-25E
43-019-15892	SAN ARROYO 11	NESW	15	16S-25E
43-019-15893	SAN ARROYO 12	SWSW	23	16S-25E
43-019-15894	SAN ARROYO 13	C-SW	22	16S-25E
43-019-15896	SAN ARROYO 16	SESW	26	16S-25E
43-019-15897	SAN ARROYO 17	NENE	24	16S-25E
43-019-15898	SAN ARROYO 18	NWNW	30	16S-26E
43-019-15899	SAN ARROYO 19	SWSE	14	16S-25E
43-019-15900	SAN ARROYO 20	SENE	26	16S-25E
43-019-15901	SAN ARROYO 21	NWSE	25	16S-25E
43-019-15902	SAN ARROYO 22	NENE	15	16S-25E
43-019-15903	SAN ARROYO 24	SENW	19	16S-26E
43-019-15904	SAN ARROYO 25	SWNE	21	16S-25E
43-019-15905	SAN ARROYO 26	SWSW	20	16S-26E
43-019-15906	SAN ARROYO 27	NESW	29	16S-26E
43-019-15907	SAN ARROYO 28	NWNE	29	16S-26E
43-019-15908	SAN ARROYO 29	NENE	22	16S-25E
43-019-15909	SAN ARROYO 30	NWSW	21	16S-26E
43-019-16532	SAN ARROYO 1	SENW	26	16S-25E
43-019-30047	BITTER CREEK 1	SWSE	2	16S-25E
43-019-30240	ARCO-STATE 2-1	NESE	2	16S-24E
43-019-30241	ARCO-STATE 2-2	NWNW	2	16S-24E
43-019-30527	SAN ARROYO 31	NWNW	22	16S-25E
43-019-30528	SAN ARROYO 32	SWSW	14	16S-25E
43-019-30570	ARCO 27-1	NWSW	27	16S-25E
43-019-30608	SAN ARROYO 33	SWSW	25	16S-25E
43-019-31162	ARCO STATE 36-7	SWSE	36	15.5S-24E
43-019-31192	ARCO STATE 36-8	SWSW	36	15.5S-24E
43-019-31250	SAN ARROYO U 40	NWNE	27	16S-25E
43-019-31251	SAN ARROYO U 36-A	SESE	19	16S-26E
43-019-31252	SAN ARROYO U 37	SWNE	20	16S-26E
43-019-31253	SAN ARROYO U 38	SWNE	16	16S-25E
43-019-31289	SAN ARROYO U 41	NENE	36	16S-25E
43-019-31290	SAN ARROYO U 42	NESE	30	16S-26E
43-019-31291	SAN ARROYO U 43	NESE	29	16S-26E
43-019-31299	SAN ARROYO 45	NWSE	20	16S-26E
43-019-31301	SAN ARROYO 44	SENE	30	16S-26E
43-019-31316	SAN ARROYO 49	NENW	29	16S-26E
43-019-31318	FEDERAL 47	NWNE	31	16S-26E
43-047-30765	BLACK HORSE CANYON FED 31-1	NWSW	31	15S-24E

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/11/2013

FROM: (Old Operator): N3505-Augustus Energy Partners, LLC 2016 Garnd Ave, Suite A Billings, MT 59102 Phone: 1 (406) 294-5990	TO: (New Operator): N4035-Southwestern Energy Ventures Company, LLC PO Box 1056 Bayfield, CO 81122 Phone: 1 (970) 884-4869
---	--

CA No.

Unit:

San Arroyo

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List						

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/22/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/22/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/27/2013
- a. Is the new operator registered in the State of Utah: _____ Business Number: 8812939-0161
- 5a. (R649-9-2) Waste Management Plan has been received on: N/A
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 11/27/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):** N/A
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 12/1/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/1/2013
- Bond information entered in RBDMS on: 12/1/2013
- Fee/State wells attached to bond in RBDMS on: 12/1/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: RLB0015347
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0015348
- 3b. The **FORMER** operator has requested a release of liability from their bond on: 11/22/2013

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035)
Effective 11/11/2013
San Arroyo Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	GW	P
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	GW	S
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	GW	P
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	GW	S
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	GW	S
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	GW	P
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	GW	P
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	GW	S
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	GW	P
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	GW	P
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	GW	P
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	GW	P
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	GW	P
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	GW	P
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	GW	P
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	GW	P
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	GW	P
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	GW	P
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	GW	P
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	GW	P
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	GW	P
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	GW	P
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	GW	P
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	GW	S
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	GW	S
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	GW	S
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	GW	P
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	GW	P
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	GW	P
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	GW	P
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	GW	P
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	GW	P
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	GW	S
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	GW	P
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	GW	S
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	GW	P
FEDERAL 47	31	160S	260E	4301931318	500	Federal	GW	P
SAN ARROYO 1625-22O	22	160S	250E	4301931580	505	Federal	GW	S

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW

216 SIXTEENTH STREET, SUITE 1100
DENVER, COLORADO 80202-5115
TELEPHONE (303) 407-4499
FACSIMILE (303) 407-4494
www.bwenergylaw.com

JENNIFER STOLDT

PHONE: (303) 407-4499
E-MAIL: JSTOLDT@BWENERGYLAW.COM

CASPER

CHEYENNE

DENVER

SALT LAKE CITY

SANTA FE

November 21, 2013

VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining
Attn: Rachel Medina
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RECEIVED
NOV 22 2013
DIV. OF OIL, GAS & MINING

Re: Sundry Notices and Reports on Wells – Change of Operator (Form 9)
Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.



Jennifer Stoldt

Enclosures
00292177.DOCX

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Augustus Energy Partners, LLC N3505		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2016 Grand Ave. Ste A CITY Billings STATE MT ZIP 59102		7. UNIT or CA AGREEMENT NAME: See Attached List
PHONE NUMBER: (406) 294-5990		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		9. API NUMBER: See Attach
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT: See Attached List
COUNTY: See Attached List		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Change of Operator Effective 11/11/13
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Southwestern Energy Ventures Company, LLC will become operator of the wells per the attached list effective 11/11/2013.
Attn: Ezra Lee
P. O. Box 1056
Bayfield, CO 81122
970-884-4869
ezra@crossfire-llc.com

Bond Coverage for operations conducted on these wells is being provided by Southwestern Energy Ventures Company, LLC in the form of a \$ 120,000 statewide Bond.

Utah State bond number LB0015348 Surety number (Letter of credit) _____

BLM Bond Number LB0015347

NAME (PLEASE PRINT) Ezra Lee TITLE Manager

SIGNATURE [Signature] DATE 11-13-13

NAME (PLEASE PRINT) Duane Zimmerman TITLE VP Operations

SIGNATURE [Signature] DATE 11/11/13

(This space for State use only)

APPROVED

DEC 01 2013

(5/2000)

DIV. OIL GAS & MINING

BY: Rachael Medina

* San Arroyo U40
not moved b/c its
a P+ A Federal well.
(See Instructions on Reverse Side)

	Current Operator	API Well Number	Well Name	Lease #	Unit #	CA #	Entity #	Qtr/Qtr	Sec	Twnshp-Rng
1	AUGUSTUS ENERGY PARTNERS LLC	43-019-11090-00-00	SAN ARROYO U 35	891003589A	UTU63022X		500	SESW	24	16S-25E
2	AUGUSTUS ENERGY PARTNERS LLC	43-019-15885-00-00	SAN ARROYO 2	891003598B	UTU63022X		505	SENW	22	16S-25E
3	AUGUSTUS ENERGY PARTNERS LLC	43-019-15886-00-00	SAN ARROYO 3	891003589A	UTU63022X		500	SENW	23	16S-25E
4	AUGUSTUS ENERGY PARTNERS LLC	43-019-15887-00-00	SAN ARROYO 4	891003589A	UTU63022X		500	SESW	30	16S-26E
5	AUGUSTUS ENERGY PARTNERS LLC	43-019-15888-00-00	SAN ARROYO 5	891003598B	UTU63022X		505	NWSE	25	16S-25E
6	AUGUSTUS ENERGY PARTNERS LLC	43-019-15889-00-00	SAN ARROYO 6	891003598B	UTU63022X		505	SWNE	21	16S-25E
7	AUGUSTUS ENERGY PARTNERS LLC	43-019-15890-00-00	SAN ARROYO 8	891003589A	UTU63022X		500	SWSW	16	16S-25E
8	AUGUSTUS ENERGY PARTNERS LLC	43-019-15891-00-00	SAN ARROYO 9	891003589A	UTU63022X		500	NWNE	27	16S-25E
9	AUGUSTUS ENERGY PARTNERS LLC	43-019-15892-00-00	SAN ARROYO 11	891003589A	UTU63022X		500	NESW	15	16S-25E
10	AUGUSTUS ENERGY PARTNERS LLC	43-019-15893-00-00	SAN ARROYO 12	891003589A	UTU63022X		500	SWSW	23	16S-25E
11	AUGUSTUS ENERGY PARTNERS LLC	43-019-15894-00-00	SAN ARROYO 13	891003589A	UTU63022X		500	C-SW	22	16S-25E
12	AUGUSTUS ENERGY PARTNERS LLC	43-019-15896-00-00	SAN ARROYO 16	891003589A	UTU63022X		500	SESW	26	16S-25E
13	AUGUSTUS ENERGY PARTNERS LLC	43-019-15897-00-00	SAN ARROYO 17	891003589A	UTU63022X		500	NENE	24	16S-25E
14	AUGUSTUS ENERGY PARTNERS LLC	43-019-15898-00-00	SAN ARROYO 18	891003589A	UTU63022X		500	NWNW	30	16S-26E
15	AUGUSTUS ENERGY PARTNERS LLC	43-019-15899-00-00	SAN ARROYO 19	891003589A	UTU63022X		500	SWSE	14	16S-25E
16	AUGUSTUS ENERGY PARTNERS LLC	43-019-15900-00-00	SAN ARROYO 20	891003589A	UTU63022X		500	SENE	26	16S-25E
17	AUGUSTUS ENERGY PARTNERS LLC	43-019-15901-00-00	SAN ARROYO 21	891003589A	UTU63022X		500	NWSE	25	16S-25E
18	AUGUSTUS ENERGY PARTNERS LLC	43-019-15902-00-00	SAN ARROYO 22	891003589A	UTU63022X		500	NENE	15	16S-25E
19	AUGUSTUS ENERGY PARTNERS LLC	43-019-15903-00-00	SAN ARROYO 24	891003589A	UTU63022X		500	SENW	19	16S-26E
20	AUGUSTUS ENERGY PARTNERS LLC	43-019-15904-00-00	SAN ARROYO 25	891003589A	UTU63022X		500	SWNE	21	16S-25E
21	AUGUSTUS ENERGY PARTNERS LLC	43-019-15905-00-00	SAN ARROYO 26	891003589A	UTU63022X		500	SWSW	20	16S-26E
22	AUGUSTUS ENERGY PARTNERS LLC	43-019-15906-00-00	SAN ARROYO 27	891003589A	UTU63022X		500	NESW	29	16S-26E
23	AUGUSTUS ENERGY PARTNERS LLC	43-019-15907-00-00	SAN ARROYO 28	891003589A	UTU63022X		500	NWNE	29	16S-26E
24	AUGUSTUS ENERGY PARTNERS LLC	43-019-15908-00-00	SAN ARROYO 29	891003589A	UTU63022X		500	NENE	22	16S-25E
25	AUGUSTUS ENERGY PARTNERS LLC	43-019-15909-00-00	SAN ARROYO 30	891003589A	UTU63022X		500	NWSW	21	16S-26E
26	AUGUSTUS ENERGY PARTNERS LLC	43-019-16532-00-00	SAN ARROYO 1	891003598B	UTU63022X		505	SENW	26	16S-25E
27	AUGUSTUS ENERGY PARTNERS LLC	43-019-30527-00-00	SAN ARROYO 31	891003589A	UTU63022X		500	NWNW	22	16S-25E
28	AUGUSTUS ENERGY PARTNERS LLC	43-019-30528-00-00	SAN ARROYO 32	891003589A	UTU63022X		500	SWSW	14	16S-25E
29	AUGUSTUS ENERGY PARTNERS LLC	43-019-30608-00-00	SAN ARROYO 33	891003589A	UTU63022X		500	SWSW	25	16S-25E
30	AUGUSTUS ENERGY PARTNERS LLC	43-019-31251-00-00	SAN ARROYO U 36-A	891003589A	UTU63022X		500	SESE	19	16S-26E
31	AUGUSTUS ENERGY PARTNERS LLC	43-019-31252-00-00	SAN ARROYO U 37	891003589A	UTU63022X		500	SWNE	20	16S-26E
32	AUGUSTUS ENERGY PARTNERS LLC	43-019-31253-00-00	SAN ARROYO U 38	891003589A	UTU63022X		500	SWNE	16	16S-25E
33	AUGUSTUS ENERGY PARTNERS LLC	43-019-31289-00-00	SAN ARROYO U 41	891003589A	UTU63022X		500	NENE	36	16S-25E
34	AUGUSTUS ENERGY PARTNERS LLC	43-019-31290-00-00	SAN ARROYO U 42	891003589A	UTU63022X		500	NESE	30	16S-26E
35	AUGUSTUS ENERGY PARTNERS LLC	43-019-31291-00-00	SAN ARROYO U 43	891003589A	UTU63022X		500	NESE	29	16S-26E
36	AUGUSTUS ENERGY PARTNERS LLC	43-019-31299-00-00	SAN ARROYO 45	891003589A	UTU63022X		500	NWSE	20	16S-26E
37	AUGUSTUS ENERGY PARTNERS LLC	43-019-31301-00-00	SAN ARROYO 44	891003589A	UTU63022X		500	SENE	30	16S-26E
38	AUGUSTUS ENERGY PARTNERS LLC	43-019-31316-00-00	SAN ARROYO 49	891003589A	UTU63022X		500	NENW	29	16S-26E
39	AUGUSTUS ENERGY PARTNERS LLC	43-019-31580-00-00	SAN ARROYO 1625-220	891003598B	UTU63022X		505	SWSE	22	16S-25E
40	AUGUSTUS ENERGY PARTNERS LLC	43-019-31250-00-00	SAN ARROYO U 40	891003598B	UTU63022X		505	NWNE	27	16S-25E
41	AUGUSTUS ENERGY PARTNERS LLC	43-019-31318-00-00	FEDERAL 47	891003589A	UTU63022X		500	NWNE	31	16S-26E
44	AUGUSTUS ENERGY PARTNERS LLC	43-019-15884-00-00	FEDERAL 174 1	UTU126528		NW115	8340	SESW	11	16S-25E
42	AUGUSTUS ENERGY PARTNERS LLC	43-047-30765-00-00	BLACK HORSE CANYON FED 31-1	UTU14234			8345	NWSW	31	15S-24E
43	AUGUSTUS ENERGY PARTNERS LLC	43-019-11089-00-00	FEDERAL GILBERT 1	UTU0125628			8341	SWNE	11	16S-25E

	Current Operator	API Well Number	Well Name	Lease #	Unit #	CA #	Entity #	Qtr/Qtr	Sec	Twnsbp-Rng
45	AUGUSTUS ENERGY PARTNERS LLC	43-019-30570-00-00	ARCO 27-1	UTU29645			11595	NWSW	27	16S-25E
46	AUGUSTUS ENERGY PARTNERS LLC	43-019-30047-00-00	BITTER CREEK 1				515	SWSE	2	16S-25E
47	AUGUSTUS ENERGY PARTNERS LLC	43-019-30240-00-00	ARCO-STATE 2-1				520	NESE	2	16S-24E
48	AUGUSTUS ENERGY PARTNERS LLC	43-019-30241-00-00	ARCO-STATE 2-2				520	NWNW	2	16S-24E
49	AUGUSTUS ENERGY PARTNERS LLC	43-019-31162-00-00	ARCO STATE 36-7				9710	SWSE	36	15.5S-24E
50	AUGUSTUS ENERGY PARTNERS LLC	43-019-31192-00-00	ARCO STATE 36-8				9710	SWSW	36	15.5S-24E

Effective Date: 11/1/2014

FORMER OPERATOR:	NEW OPERATOR:
Southwestern Energy Ventures Company, LLC N4035 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411	SWEVCO-SABW, LLC N4155 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411
CA Number(s):	San Arroyo

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014
2. Sundry or legal documentation was received from the **NEW** operator on: 10/21/2014
3. New operator Division of Corporations Business Number: 8820416-0161

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
3. Reports current for Production/Disposition & Sundries: 10/27/2014
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/27/2014
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: RLB0015753
2. Indian well(s) covered by Bond Number: RLB0015753
3. State/fee well(s) covered by Bond Number(s): RLB0015799

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 11/3/2014
2. Entity Number(s) updated in **OGIS** on: 11/3/2014
3. Unit(s) operator number update in **OGIS** on: 11/3/2014
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/3/2014

COMMENTS:

Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC
Effective November 1, 2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Tpye	Status	Unit
ARCO 27-1	27	160S	250E	4301930570	11595	Federal	Federal	GW	P	
BLACK HORSE CANYON FED 31-1	31	150S	240E	4304730765	8345	Federal	Federal	GW	P	
FEDERAL 174 1	11	160S	250E	4301915884	8340	Federal	Federal	GW	P	
FEDERAL GILBERT 1	11	160S	250E	4301911089	8341	Federal	Federal	GW	P	
ARCO STATE 36-7	36	155S	240E	4301931162	9710	State	State	GW	P	
ARCO-STATE 2-1	2	160S	240E	4301930240	520	State	State	GW	P	
ARCO-STATE 2-2	2	160S	240E	4301930241	520	State	State	GW	P	
BITTER CREEK 1	2	160S	250E	4301930047	515	State	State	GW	P	
BAR X UNIT 11	18	170S	260E	4301930592	19413	Federal	Federal	GW	S	
BAR X UNIT 25	12	170S	250E	4301931371	19414	Federal	Federal	GW	S	
BAR X UNIT 4	18	170S	260E	4301915023	19412	Federal	Federal	GW	S	
ARCO STATE 36-8	36	155S	240E	4301931192	9710	State	State	GW	S	
FEDERAL 47	31	160S	260E	4301931318	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	State	GW	P	SAN ARROYO
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	State	GW	P	SAN ARROYO
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	Fee	GW	P	SAN ARROYO
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 1625-220	22	160S	250E	4301931580	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	Federal	GW	S	SAN ARROYO

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035

3. ADDRESS OF OPERATOR:
2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537 PHONE NUMBER: (970) 669-7411

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, transferring operations to new operator SWEVCO-SABW, LLC #N4155

NAME (PLEASE PRINT) Ezra Lee

TITLE President, Southwestern Energy Ventures Comp.

SIGNATURE

DATE

10-16-14

(This space for State use only)

APPROVED

NOV 03 2014

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
OCT 21 2014

DIV. OF OIL, GAS & MINING

UTAH																										
API Well Number	Well Name	Operator	Well Status	Well Type	WI	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL		FEL/FWL		Latitude	Longitude	Elev. GR	TD	Unit #	PUMPER
OPERATED																										
Outside the Unit		SWEVCO-SABW																								
43-019-30570	ARCO 27-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	W	39.3846	-109.14821	6740	5700		Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSE	36	15.5S-24E	540	S	1550	E	39.45341	-109.21341	8319	7945		Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSW	36	15.5S-24E	945	S	850	W	39.45468	-109.22361	7789	7490		Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NESE	2	16S-24E	2194	S	991	E	39.44346	-109.23015	8443	7600		Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NWNW	2	16S-24E	769	N	857	W	39.44995	-109.24212	7886	7250		Chris
43-019-30047	BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	State	State	ML-25151	GRAND	SWSE	2	16S-25E	395	S	2530	E	39.4387	-109.12413	7375	6658		Chris
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	BLACK HORSE CYN	Federal	Federal	U-14234	UINTAH	NWSW	31	15S-24E	1820	S	500	W	39.46736	-109.28001	8262	7910		Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SESW	11	16S-25E	1285	S	2090	W	39.42669	-109.1264	6577	5299		Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SWNE	11	16S-25E	1700	N	1830	E	39.4329	-109.12144	7001	6200		Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E	39.33379	-109.07281	5146	3599		Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200	3466		Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E	39.33965	-109.09684	5273	3742		Chris
San Arroyo Unit																										Chris
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033	5065		Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	NESW	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524	6367		Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SWSW	23	16S-25E	1140	S	1220	W	39.39734	-109.12949	6507	4731		Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	C-SW	22	16S-25E	1320	S	1320	W	39.39783	-109.14783	7592	6260		Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	26	16S-25E	1125	S	1790	W	39.38276	-109.12746	5922	4884		Chris
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND	NENE	24	16S-25E	660	N	940	E	39.40676	-109.09956	5983	5003		Chris
43-019-15898	SAN ARROYO 18	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778	4128		Chris
43-019-15899	SAN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSE	14	16S-25E	820	S	1610	E	39.41086	-109.12089	6305	5200		Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SENW	22	16S-25E	2420	N	2430	W	39.40199	-109.14379	7752	6826		Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE	26	16S-25E	1360	N	170	E	39.39025	-109.11553	6855	5457		Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878	4299		Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND	NENE	15	16S-25E	1210	N	990	E	39.41968	-109.13711	6480	5500		Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND	SENW	19	16S-26E	2450	N	1495	W	39.40194	-109.09106	6023	4815		Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND	SWNE	21	16S-25E	1520	N	1805	E	39.40437	-109.15872	7599	5894		Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800	4800		Chris
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESW	29	16S-26E	1990	S	2100	W	39.3851	-109.07027	5584			Chris
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	NWNE	29	16S-26E	660	N	1980	E	39.39225	-109.06591	5690	4260		Chris
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	NENE	22	16S-25E	1300	N	195	E	39.40492	-109.13429	6849	5200		Chris
43-019-15886	SAN ARROYO 3	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	SENW	23	16S-25E	1425	N	1450	W	39.40481	-109.12847	6474	5460		Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSW	21	16S-26E	2600	S	900	W	39.40124	-109.05587	5481	4293		Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW	22	16S-25E	1111	N	913	W	39.40567	-109.14907	7742	6071		Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-																			

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
2. NAME OF OPERATOR: SWEVCO-SABW, LLC Operator #N4155		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537		7. UNIT or CA AGREEMENT NAME: See Attached
PHONE NUMBER: (970) 669-7411		8. WELL NAME and NUMBER: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT:
COUNTY: See Attached		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, taking over as operator from Southwestern Energy Ventures Company, LLC #N4035

Effective date: November 1, 2014
BLM Bond: RLB 0015753
State Bond: RLB 0015799

NAME (PLEASE PRINT) Kellie Diffendaffer	TITLE Accounting Manager
SIGNATURE <i>Kellie Diffendaffer</i>	DATE 10/14/14

(This space for State use only)

RECEIVED

OCT 21 2014

APPROVED

NOV 03 2014

(5/2000)

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

DIV. OIL GAS & MINING
BY: *Rachel Medina*

UTAH																									
API Well Number	Well Name	Operator	Well Status	Well Type	WI	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude	Elev. GR	TD	Unit #	PUMPER	
OPERATED																									
Outside the Unit		SWEVCO-SABW																							
43-019-30570	ARCO 27-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	W	39.3846	-109.14821	6740	5700	Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSE	36	15.5S-24E	540	S	1550	E	39.45341	-109.21341	8319	7945	Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSW	36	15.5S-24E	945	S	850	W	39.45468	-109.22361	7789	7490	Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NESE	2	16S-24E	2194	S	991	E	39.44346	-109.23015	8443	7600	Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NWNW	2	16S-24E	769	N	857	W	39.44995	-109.24212	7886	7250	Chris
43-019-30047	BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	State	State	ML-25151	GRAND	SWSE	2	16S-25E	395	S	2530	E	39.4387	-109.12413	7375	6658	Chris
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	BLACK HORSE CYN	Federal	Federal	U-14234	UINTAH	NWSW	31	15S-24E	1820	S	500	W	39.46736	-109.28001	8262	7910	Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SESW	11	16S-25E	1285	S	2090	W	39.42669	-109.1264	6577	5299	Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SWNE	11	16S-25E	1700	N	1830	E	39.4329	-109.12144	7001	6200	Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E	39.33379	-109.07281	5146	3599	Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200	3466	Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E	39.33965	-109.09684	5273	3742	Chris
San Arroyo Unit																								Chris	
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033	5065	Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	NESW	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524	6367	Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SWSW	23	16S-25E	1140	S	1220	W	39.39734	-109.12949	6507	4731	Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	C-SW	22	16S-25E	1320	S	1320	W	39.39783	-109.14783	7592	6260	Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	26	16S-25E	1125	S	1790	W	39.38276	-109.12746	5922	4884	Chris
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND	NENE	24	16S-25E	660	N	940	E	39.40676	-109.09956	5983	5003	Chris
43-019-15898	SAN ARROYO 18	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778	4128	Chris
43-019-15899	SAN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSE	14	16S-25E	820	S	1610	E	39.41086	-109.12089	6305	5200	Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SENW	22	16S-25E	2420	N	2430	W	39.40199	-109.14379	7752	6826	Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE	26	16S-25E	1360	N	170	E	39.39025	-109.11553	6855	5457	Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878	4299	Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND	NENE	15	16S-25E	1210	N	990	E	39.41968	-109.13711	6480	5500	Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND	SENW	19	16S-26E	2450	N	1495	W	39.40194	-109.09106	6023	4815	Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND	SWNE	21	16S-25E	1520	N	1805	E	39.40437	-109.15872	7599	5894	Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800	4800	Chris
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESW	29	16S-26E	1990	S	2100	W	39.3851	-109.07027	5584		Chris
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	NWNE	29	16S-26E	660	N	1980	E	39.39225	-109.06591	5690	4260	Chris
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	NENE	22	16S-25E	1300	N	195	E	39.40492	-109.13429	6849	5200	Chris
43-019-15886	SAN ARROYO 3	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	SENW	23	16S-25E	1425	N	1450	W	39.40481	-109.12847	6474	5460	Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSW	21	16S-26E	2600	S	900	W	39.40124	-109.05587	5481	4293	Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW	22	16S-25E	1111	N	913	W	39.40567	-109.14907	7742	6071	Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSW	14	16S-25E	678	S	370	W	39.41066	-109.13255			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																																												
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-31928																																												
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: TIN CUP MESA																																												
2. NAME OF OPERATOR: MAR/REG OIL COMPANY		8. WELL NAME and NUMBER: TIN CUP MESA 1-25																																												
3. ADDRESS OF OPERATOR: PO Box 18148 , Reno, NV, 89511		9. API NUMBER: 43037306900000																																												
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1950 FNL 0790 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 25 Township: 38.0S Range: 25.0E Meridian: S		9. FIELD and POOL or WILDCAT: TIN CUP MESA																																												
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: SAN JUAN																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">TYPE OF SUBMISSION</th> <th colspan="3">TYPE OF ACTION</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/30/2014 </td> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: </td> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> SPUD REPORT Date of Spud: </td> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> DRILLING REPORT Report Date: </td> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td></td> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td></td> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td></td> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td></td> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td></td> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td></td> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input checked="" type="checkbox"/> OTHER</td> <td>OTHER: Request for Extension</td> </tr> </tbody> </table>			TYPE OF SUBMISSION	TYPE OF ACTION			<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/30/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION		<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK		<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION		<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON		<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL		<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION		<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: Request for Extension
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Request an extension to conduct remedial work. Request extension to April 30, 2015. Operator will monitor casing pressure weekly and file pressure report monthly.																																														
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>10/31/14</u></p> <p>By: <u>[Signature]</u></p> </div> <div style="width: 35%; text-align: right;"> <p>COPY SENT TO OPERATOR</p> <p>Date: <u>11.3.2014</u></p> <p>Initials: <u>KS</u></p> </div> </div>																																														
NAME (PLEASE PRINT) Tariq Ahmad		PHONE NUMBER 775 852-7444																																												
SIGNATURE N/A		TITLE Petroleum Engineer																																												
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